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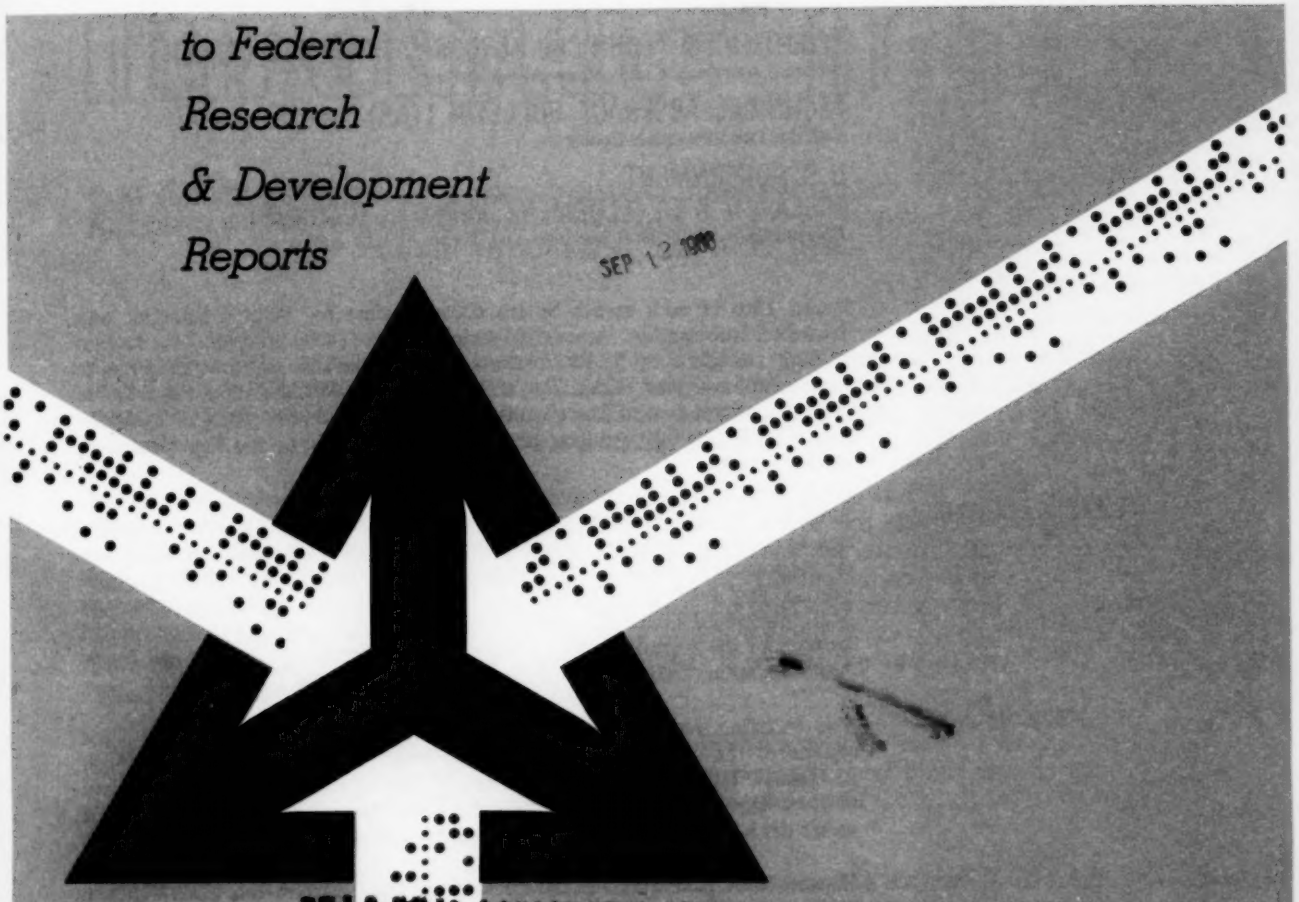
June 15, 1966

GOVERNMENT-WIDE INDEX

to Federal Research & Development Reports

SEP 12 1966



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Government-Wide

INDEX TO FEDERAL RESEARCH AND DEVELOPMENT REPORTS

ANNOUNCED IN

NUCLEAR SCIENCE ABSTRACTS (NSA)
Atomic Energy Commission

SCIENTIFIC & TECHNICAL AEROSPACE REPORTS (STAR)
National Aeronautics and Space Administration

TECHNICAL ABSTRACT BULLETIN (TAB)
Defense Documentation Center

U.S. GOVERNMENT
RESEARCH & DEVELOPMENT REPORTS (USGRDR)
Clearinghouse for Federal Scientific and Technical Information

Issued 15th of each month by the Clearinghouse for Federal Scientific and Technical Information. Annual subscription $16 ($4.00 additional for foreign mailing); single copy $1.75. Make remittance payable to Superintendent of Documents and mail either to a U.S. Department of Commerce Field Office or to Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Address changes should be sent to the Superintendent of Documents.

PURPOSE

Published by the Clearinghouse for Federal Scientific and Technical Information to satisfy a need for a single reference guide to new unclassified Government-sponsored research and development in the physical sciences, engineering and related technology. It is compiled each month by computer manipulation of indexing records from the previous month's announcement journals of the Atomic Energy Commission, National Aeronautics and Space Administration, Defense Documentation Center, and the Clearinghouse.

FORMAT

The indexing records relating to Government research and development reports of the four journals are merged under the four indexes of subject, personal author, corporate source, and accession/report number. A typical entry is labeled and detailed instructions for using each index is presented under the heading "How To Use Indexes" following the foreword.

TO ORDER REPORTS

Reports with prices shown can be ordered directly from the Clearinghouse by the accession number and title. Two prices are usually cited for each report. The price to the left is the Clearinghouse price for a printed copy of the report; the price to the right is the Clearinghouse price for microfiche copy (a unitized sheet form of microphotography that normally can contain 57 pages to a sheet). Prepayment is required unless purchases are to be charged to Clearinghouse deposit account. Make check or money order payable to National Bureau of Standards—CFSTI. If no price is shown, consult the original announcement journal for order information. Availability information can also be obtained by writing to the Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151 (Code 410.14).

U.S. DEPARTMENT OF COMMERCE
John T. Connor, Secretary

CLEARINGHOUSE FOR FEDERAL SCIENTIFIC AND TECHNICAL INFORMATION
Bernard M. Fry, Director

Use of funds for this publication approved by the Director of the Bureau of the Budget, January 27, 1965

IMPORTANT NOTICE

FOR SUBSCRIBERS TO U. S. GOVERNMENT RESEARCH AND DEVELOPMENT REPORTS (USGRDR) AND GOVERNMENT-WIDE INDEX TO FEDERAL RESEARCH AND DEVELOPMENT REPORTS (GWI)

Effective upon expiration of your current subscription, the rates will be increased as follows: USGRDR $30 per year ($37.50 foreign); GWI $22 per year ($27.50 foreign). Domestic and foreign air mail charges will be quoted on request. These increases are necessary due to rising production and printing costs.

The Clearinghouse is making some important changes in these two journals. Beginning with the first issue of USGRDR in July, the white and blue reports sections will be merged into one section. This merger eliminates the necessity of searching two sections to locate material in a particular field. Computer programs used in the production of the USGRDR on Linofilm make this consolidated journal possible. At the same time, the GWI will be published twice a month instead of once a month. GWI will be coordinated with each issue of USGRDR so that it will serve as an index to USGRDR. The indexes in USGRDR are being eliminated.

Effective immediately, subscriptions to both publications will be handled by the Clearinghouse. All orders or correspondence covering either of these publications should be addressed to the Clearinghouse, U. S. Department of Commerce, Springfield, Va. 22151.

These changes in the two journals should result in more usable tools for the public and provide the Clearinghouse with greater flexibility to make other improvements in the future.

FOREWORD

The purpose of this *Government-Wide Index to Federal Research and Development Reports* is to provide a single, easy-to-use guide to Government-sponsored research and development reports listed in the four major technical report announcement journals issued by the Federal agencies.

Since this combined index was produced entirely by computer manipulation of data records which were prepared by the contributing agencies for other purposes, it is inevitable that some errors and inconsistencies will occur. The Clearinghouse and the other contributing agencies are striving to eliminate such errors; in addition, efforts are being made to improve the content, format and type faces so that this Government-Wide Index will become increasingly valuable to the general public as a reference tool and order guide. It is planned that this index will appear soon in conventional printing format.

Punched paper tape is produced by the Clearinghouse as a byproduct of the preparation of *U. S. Government Research and Development Reports* (USGRDR) and DOD's *Technical Abstract Bulletin* (TAB). Magnetic tape records are produced by NASA as a byproduct of the publication of *Scientific and Technical Aerospace Reports* (STAR). Two kinds of punched card records are produced by AEC to create the indexes to *Nuclear Science Abstracts* (NSA) and to build an information retrieval file.

The four different sets of data records are computer-manipulated by the Clearinghouse to reformat them to the requirements of the four indexes in this journal. Initially, most of the programming and processing is being performed by the Aerospace Research Applications Center (ARAC) at Indiana University.

Since the contributing agencies do not as yet use the same rules for indexing or for creating machinable records, it is impossible at this time to eliminate all format errors, inconsistencies or duplications in the cataloguing and indexing, but the agencies are attempting to correct as many exceptions at the source as possible. An interagency task group is presently working on development of a compatible structure for scientific and technical vocabularies.

Because the type fonts available for computer printouts are limited (and different at each agency), the various data records will contain substitution "conventions" for some of the symbols normally used in scientific writing. In most cases, the symbols are spelled out; superscripts and subscripts are treated differently by the agencies, and the user is referred to the original journals for a full explanation of each agency's conventions.

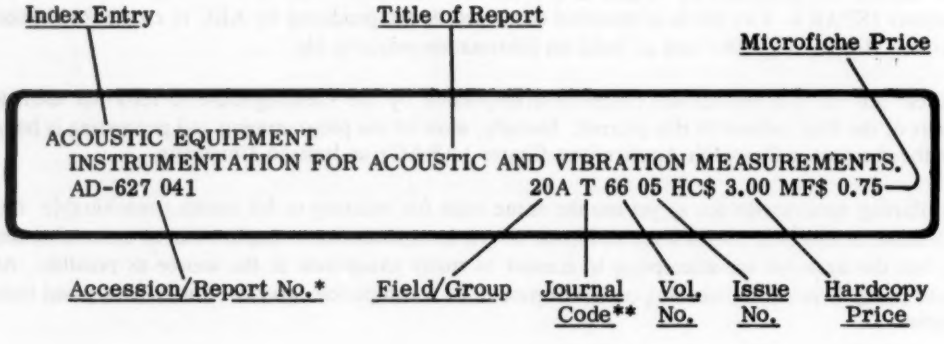
Comments and suggestions for improvement are invited, and should be directed to the Clearinghouse for Federal Scientific and Technical Information, U.S. Department of Commerce, Springfield, Va. 22151 (attention Code 410.12).

HOW TO USE

The access points to technical reports listed in this index include:

- Subject
- Personal Author
- Corporate Author
- Accession/Report Number

Each index is arranged alphanumerically (that is, alphabetic data precedes numeric data). A typical entry is as follows:



*The Accession/Report number is the number used by the announcing agency to uniquely identify the report; this number should be used in all correspondence with that agency.

**The code for the journal volumes and issues in which the reports are announced and abstracted are as follows:

U--U. S. Government Research and Development Reports, Clearinghouse for Federal Scientific and Technical Information.
T--Technical Abstract Bulletin, Defense Documentation Center of the Department of Defense.
N--Nuclear Science Abstracts, Atomic Energy Commission.
S--Scientific and Technical Aerospace Reports, National Aeronautics and Space Administration.

**Due to a conversion in the computer program which produces the GWI, the symbols "N" for Nuclear Science Abstracts and "S" for Scientific and Technical Aerospace Reports will not appear in the entries for AEC and NASA reports until Vol. 2, No. 8.

INDEXES

SUBJECT INDEX

Entries are placed in this index according to the subject terms assigned by the contributing agencies (this means "asterisked" descriptors for USGRDR entries, subject headings for STAR and NSA). The subject term appears at the top of each entry, flush left. The title of the report is indented below the subject term, except that for NSA entries the "modifier" which is assigned by AEC is used in place of the title. The "accession number line" follows the last line of the title. If two or more reports are indexed under the same subject term, they are listed in accession number sequence under the one term (separated by a blank line). If two or more reports under one subject heading have identically the same title, the title is printed once and the different accession number lines are printed below the title.

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AEROSPACE CRAFT, CONTROL SYSTEMS
PAPERS ON THE CONTROL OF DISTRIBUTED PARAMETER AEROELASTIC SYSTEMS.
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AD-627 140 118 T 66 05 HC$ 8.80 MF$ 2.25

PERSONAL AUTHOR INDEX

Entries are arranged in this index according to the personal author, or editor, or patent assignee, etc. The names are presented last name first. The number of the report is indented below the author's name; in all other respects, this index is prepared in the same manner as the Subject Index. While it is true for all of the indexes in this journal, it is most noticeable in the Personal Author Index that a sorting by computer does not always put entries in order the way a human being would do it. The requirements of a computer sort cause "JOHNS, J. J." to appear after "JOHNSON, F. X." (the comma sorts after the O in "son"), but "SMITH-JONES, A. B." will appear ahead of "SMITHERS, P. P." (the hyphen sorts ahead of the E in SMITHERS).

DOROFEEV, A. N.
AD-627 296 16C T 66 05 HC$ 3.00 MF$ 0.75
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COPORATE AUTHOR INDEX

Entries are arranged in this index according to the corporate author of each report as cataloged by the contributing agencies. Some inconsistencies will be noticed during the first few months, but as the new corporate authority list prepared by the President's Council on Scientific and Technical Information (COSATI) comes into general use among the contributing agencies, it is expected that all entries for a given organization will come under a common heading in this index.

NOTRE DAME UNIV., IND.
AN EXPERIMENTAL DETERMINATION OF THERMODYNAMIC AND ELECTRICAL PROPERTIES OF STRONTIUM ON TUNGSTEN.
AD-627 081 11F T 66 05 HC$ 3.00 MF$ 0.75

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PENNSYLVANIA STATE UNIV., UNIVERSITY PARK. DEPT. OF PHYSICS.
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AD-626 808 7D T 66 05 HC$ 4.00 MF$ 0.75

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Entries are arranged in this index alphanumerically by the accession number assigned by the contributing agency and by the technical report and monitoring agency number. The accession number will appear in sequence with the field/group, journal, and price information shown on the same line; other numbers associated with that report will appear in sequence followed by a second line which is indented and shows the accession number, field/group, journal, and price information. Every report covered in this index is represented by at least one unique number. Some reports may have more than one number. To order reports use the number listed on the price line.

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HOW INDEXES

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Volume 2 Number 5

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N63-90006 22A U 41 10 HC$ 7.35 MF$ 2.00

AEROSOLS, PARTICLE SIZE
MEASUREMENT OF DROP SIZE DISTRIBUTIONS IN NATURAL CLOUDS AND RAIN.
AD-630 706 4B T 66 10 HC$ 2.00 MF$ 0.50

AEROSOLS, SCINTILLATION
THE APPARENT DEPENDENCE OF TERRESTRIAL SCINTILLATION INTENSITY UPON ATMOSPHERIC HUMIDITY.
AD-630 117 4A T 66 09 HC$ 2.00 MF$ 0.50

AEROSOLS, SOUND TRANSMISSION
ATTENUATION AND DISPERSION OF SOUND BY PARTICULATE RELAXATION PROCESSES.
AD-630 326 20A T 66 09 HC$ 3.00 MF$ 0.50

AEROSPACE CRAFT, PERFORMANCE(ENGINEER ING)
ESTIMATED PERFORMANCE REPORT FOR THE ADVANCED X-15A-2 AIRPLANE WITH ONE YLR-99-RM-1 ENGINE, NAA MODEL NO. NA-240-2.
AD-452 641 1B U 41 10 HC$ 3.00

AEROSPACE CRAFT, WINDSHIELDS
X-20 WINDOW TESTS.
AD-630 469 22B T 66 09 HC$ 3.60 MF$ 0.50

AGING(MATERIALS), ELASTOMERS
COAGENTS FOR IMPROVING ELASTIC RECOVERY IN POLYESTER URETHANE ELASTOMERS.
AD-629 972 11J T 66 09 HC$ 1.00 MF$ 0.50

AGING(MATERIALS), ELECTRIC TERMINALS
SOLDERABILITY OF TERMINALS AND AGING.
AD-627 219 13H U 41 10 HC$ 2.00 MF$ 0.50

AGRICULTURE, PRODUCTION
HISTORICAL EXAMPLES OF ECOLOGICAL DISASTER. FAMINE IN RUSSIA 1921-22. FAMINE IN BECHUANALAND 1965.
AD-629 887 6F T 66 09 HC$ 9.60 MF$ 0.75

AIR CONDITIONING EQUIPMENT, SHELTERS
EXPERIMENTAL EVALUATION OF ENVIRONMENTAL CONTROL SYSTEMS FOR CLOSED SHELTERS.
AD-445 002 6K U 41 10 HC$ 7.60

AIR FORCE PERSONNEL, COMPUTERS
THE APPLICATION OF LARGE-SCALE COMPUTERS TO U.S. AIR FORCE INFORMATION SYSTEMS.
AD-629 867 9B T 66 09 HC$ 7.60 MF$ 0.75

AIR FORCE PERSONNEL, SELECTION
PREDICTING FIRST YEAR ACHIEVEMENT OF AIR FORCE ACADEMY CADETS, CLASS OF 1966.
AD-630 916 5I T 66 10 HC$ 1.00 MF$ 0.50

AIR FORCE PROCUREMENT, COST EFFECTIVENESS
CRITERIA FOR VALUE ENGINEERING. PHASE I. FEASIBILITY STUDY.
AD-630 207 14A T 66 09 HC$ 2.00 MF$ 0.50

AIR FORCE RESEARCH, CHEMISTRY
CHEMISTRY PROGRAM REVIEW.
AD-630 086 7B T 66 09 HC$15.80 MF$ 1.00

AD-630 105 7B T 66 09 HC$ 6.60 MF$ 0.75

AD-630 106 7B T 66 09 HC$ 5.60 MF$ 0.50

AD-630 107 7B T 66 09 HC$ 4.60 MF$ 0.50

AD-630 108 7B T 66 09 HC$ 3.60 MF$ 0.50

AD-630 109 7B T 66 09 HC$ 4.60 MF$ 0.50

AIR FORCE, SYSTEMS ENGINEERING
THE ROLE OF COMPUTERS IN HANDLING AEROSPACE SYSTEMS HUMAN FACTORS TASK DATA.
AD-631 182 5H T 66 10 HC$ 5.00 MF$ 1.00

AIR FORCE, WAGES
THE APPLICATION OF LARGE-SCALE COMPUTERS TO U.S. AIR FORCE INFORMATION SYSTEMS.
AD-629 867 9B T 66 09 HC$ 7.60 MF$ 0.75

AIR POLLUTION, CAPTIVE TESTS
ATMOSPHERIC TRANSPORT OF ROCKET MOTOR COMBUSTION BY-PRODUCTS. VOLUME II. EXPERIMENTAL DESIGN AND FIELD INSTALLATION.
AD-630 261 14B T 66 09 HC$ 4.60 MF$ 0.50

AIR POLLUTION, DIFFUSION
THREE-DIMENSIONAL, ANALYTIC SOLUTIONS TO THE PROBLEMS OF DIFFUSION OF WIND-DRIVEN CONTAMINATION.
AD-631 181 13B T 66 10 HC$ 2.60 MF$ 0.50

AIR POLLUTION, TEST FACILITIES
ATMOSPHERIC TRANSPORT OF ROCKET MOTOR COMBUSTION BY-PRODUCTS. VOLUME I. DATA ANALYSIS AND PREDICTION TECHNIQUE.
AD-630 205 14B T 66 09 HC$15.50 MF$ 1.00

ATMOSPHERIC TRANSPORT OF ROCKET MOTOR COMBUSTION BY-PRODUCTS. VOLUME III. DATA SUPPLEMENT.
AD-630 206 14B T 66 09 HC$ 5.00 MF$ 1.25

AIR TRAFFIC CONTROL SYSTEMS, SUPERSONIC PLANES
EXAMINATION OF SST HANDLING IN THE ATC SYSTEM.
AD-630 779 17G T 66 10 HC$ 1.00 MF$ 0.50

AIR TRAFFIC CONTROL TERMINAL AREAS, AIRPORT CONTROL TOWERS
INVESTIGATION OF CHARACTERISTICS OF THE PENTAGONAL TOWER CAB.
AD-402 924 1E U 41 09 HC$14.60

AIR TRAFFIC, ECONOMICS
ECONOMIC FEASIBILITY OF ALTERNATIVE PROGRAMS FOR WASHINGTON NATIONAL AIRPORT. PART I.
PB-169 403 1B U 41 10 HC$ 4.00 MF$ 0.75

ECONOMIC FEASIBILITY OF ALTERNATIVE PROGRAMS FOR WASHINGTON NATIONAL AIRPORT. PART II. APPENDICES.
PB-169 407 1B U 41 10 HC$ 5.00 MF$ 1.00

AIR TRANSPORTATION, MANAGEMENT PLANNING
SYSTEMS ANALYSIS AS AN AID IN AIR TRANSPORTATION PLANNING.
AD-629 769 1B T 66 09 HC$ 2.00 MF$ 0.50

AIR TRANSPORTATION, PRO GRAMMING(COMPUTERS)
THE ARMY DEPLOYMENT SIMULATOR.
AD-455 526 15G U 41 09 HC$ 7.60

AIR TRANSPORTATION, STATE-OF-THE-ART REVIEWS
A SYSTEMS ANALYSIS OF SHORT HAUL AIR TRANSPORTATION.
PB-169 521 1E U 41 10 HC$ 8.00 MF$ 2.25

AIRCRAFT INDUSTRY, ECONOMICS
BOOK REVIEW: THE STRUCTURE AND PERFORMANCE OF THE AEROSPACE INDUSTRY,
AD-630 298 5C T 66 09 HC$ 1.10 MF$ 0.50

AIRCRAFT, ELECTROMAGNETIC FIELDS
APPLICATION OF NEW TECHNIQUES FOR IDENTIFICATION OF HERO VARIABLES.
AD-630 988 19A T 66 10 HC$15.60 MF$ 1.00

AIRCRAFT, FLIGHT TESTING
PERFORMANCE TESTING MANUAL, U. S. NAVAL TEST PILOT SCHOOL,
AD-631 147 1B T 66 10 HC$ 6.00 MF$ 1.50

AIRCRAFT, MATERIALS
FATIGUE CRACK PROPAGATION IN AIRCRAFT MATERIALS,
AD-630 926 20K T 66 10 HC$ 3.00 MF$ 0.75

AIRCRAFT, METALS
AN EVALUATION OF THE ANTI-CORROSION EFFECTIVENESS OF VARIOUS PRIMER COATINGS,
AD-454 764 11F U 41 09 HC$ 5.60

AIRFOILS, DOWNWASH
TRANSIENT LOADING OF WIDE DELTA AIRFOILS AT SUPERSONIC SPEEDS,
PB-169 428 1A U 41 09 HC$ 3.60 MF$ 0.50

AIRPORT CONTROL TOWERS, DESIGN
INVESTIGATION OF CHARACTERISTICS OF THE PENTAGONAL TOWER CAB,
AD-402 924 1E U 41 09 HC$14.60

AIRPORTS, DISTRICT OF COLUMBIA
ECONOMIC FEASIBILITY OF ALTERNATIVE PROGRAMS FOR WASHINGTON NATIONAL AIRPORT. PART I.
PB-169 403 1B U 41 10 HC$ 4.00 MF$ 0.75

ECONOMIC FEASIBILITY OF ALTERNATIVE PROGRAMS FOR WASHINGTON NATIONAL AIRPORT. PART II. APPENDICES.
PB-169 407 1B U 41 10 HC$ 5.00 MF$ 1.00

AIR-BREATHING ENGINES(UNCONVENTIONAL), THRUST
PROBLEMS OF SPACE AIR-BREATHING JET ENGINES.
AD-630 764 21A T 66 10 HC$ 1.00 MF$ 0.50

AIR, CONTINUOUS SPECTRUM
AIR RADIATION GRAPHS: SPECTRALLY INTEGRATED FLUXES INCLUDING LINE CONTRIBUTIONS AND SELF ABSORPTION,
AD-468 061 7D U 41 10 HC$ 3.00 MF$ 0.50

AIR, ION EXCHANGE
EXPERIMENTAL STUDIES ON HEAVY ION EXCHANGE IN AIR.
AD-630 137 7D T 66 09 HC$ 6.60 MF$ 0.75

AIR, IONIZATION
PHYSICS OF THE IONIZATION PROCESSES IN AIR,
PB-169 473 20H U 41 10 HC$ 4.60

AIR, REACTION KINETICS
REACTION RATE COEFFICIENTS FOR AMBIENT AND HEATED AIR,
AD-431 334 7D U 41 10 HC$ 8.60

AIR, STAGNATION POINT
A GENERALIZED ASYMPTOTIC METHOD FOR THE SOLUTION OF REACTING LAMINAR BOUNDARY LAYER FLOWS. PART I. THREE-DIMENSIONAL FLOW OF AIR AT CHEMICAL EQUILIBRIUM NEAR A STAGNATION POINT,
AD-630 270 20D T 66 09 HC$ 3.60 MF$ 0.50

ALASKA, EARTH QUAKES
FREE OSCILLATIONS EXCITED BY THE ALASKAN EARTHQUAKE.
AD-630 404 8K T 66 09

ALASKA, EARTHQUAKES
SOURCE MECHANISM STUDY OF THE ALASKA EARTHQUAKE AND TSUNAMI OF 27 MARCH 1964. PART I. WATER WAVES. PART II. ANALYSIS OF RAYLEIGH WAVE,
AD-629 857 8K T 66 09 HC$ 2.00 MF$ 0.50

ALASKA, ENGINEERING GEOLOGY
QUICK CLAY MOVEMENTS, ANCHORAGE, ALASKA.
AD-630 111 8G T 66 09 HC$ 4.00 MF$ 1.00

ALCOHOLS, MOLECULAR STRUCTURE
ARYL-SUBSTITUTED PROPARGYL ALCOHOLS AND RELATED COMPOUNDS,
AD-630 007 7C T 66 09

ALCOHOLS, TEMPERATURE
RESEARCH ON THE INFLUENCE OF VARIATIONS IN ENVIRONMENTAL TEMPERATURES ON THE SYSTEMIC EFFECTS OF ALCOHOL ALONE AND IN COMBINATION WITH OTHER DRUGS.
AD-475 560 6T U 41 10 HC$ 2.00 MF$ 0.50

ALGAE, HAWAII
ATOLL RESEARCH BULLETIN. NO. 114. NORTHERN MARSHALL ISLANDS LAND BIOTA: BIRDS. NO. 115. MARINE BENTHIC ALGAE FROM THE LEEWARD HAWAIIAN GROUP. NO. 116. REEF STUDIES AT ADDU ATOLL, MALDIVE ISLANDS. NO. 117. ATOLL NEWS AND COMMENT,
AD-630 789 8F T 66 10 HC$ 6.00 MF$ 1.25

ALGEBRAIC GEOMETRY, CIRCUITS
THE GENUS OF K12S,
AD-629 953 12A T 66 09 HC$ 3.60 MF$ 0.50

ALGEBRAIC GEOMETRY, GRAPHICS
THE HEAWOOD MAP COLORING CONJECTURE,
AD-630 090 12A T 66 09 HC$ 8.60 MF$ 0.75

ALGEBRAIC TOPOLOGY, COMBINATORIAL ANALYSIS
AN APPROACH TO THE ENUMERATION PROBLEM FOR NON-STABLE VECTOR BUNDLES,
AD-630 898 12A T 66 10

ALGEBRAIC TOPOLOGY, GROUPS(MATHEMATICS
EXCEPTIONAL LIE GROUPS AND STEENROD SQUARES,
AD-631 125 12A T 66 10

ALGEBRAIC TOPOLOGY, THEORY
ON CROSS SECTIONS TO FIBER SPACES,
AD-631 126 12A T 66 10

STEENROD SQUARES AND H-SPACES: II.
AD-631 127 12A T 66 10

ALGEBRAS, GRAPHICS
FURTHER RESULTS ON SUBDIRECTLY IRREDUCIBLE UNARY ALGEBRAS,
AD-630 304 12B T 66 09 HC$ 1.60 MF$ 0.50

ALGEBRAS, SET THEORY
BOOLEAN EMBEDDINGS OF ORTHOMODULAR SETS AND QUANTUM LOGIC,
AD-630 096 12A T 66 09

ALGEBRAS, THEORY
ON THE THEORY OF BOOLEAN FORMULAS: SHORTEST AND PRIME FORMULAS,
AD-631 074 12A T 66 10 HC$ 1.00 MF$ 0.50

ALGEBRA, AUTOMATA
ON SOME CATEGORICAL ALGEBRA ASPECTS OF AUTOMATA THEORY: THE CATEGORICAL PROPERTIES OF TRANSITION SYSTEMS.
AD-630 257 9B T 66 09 HC$18.00 MF$ 1.00

ALGEBRA, MAPPING(TRANSFORMATIONS)
ON CHARACTERIZATION OF EMBEDDINGS AND QUOTIENT MAPS. PART II.
AD-630 258 12A T 66 09 HC$ 1.60 MF$ 0.50

ALGORITHMS, LINEAR PROGRAMMING
AN EXTENSION OF GENERALIZED UPPER BOUNDED TECHNIQUES I FOR STRUCTURED LINEAR PROGRAMS.
AD-630 861 12B T 66 10 HC$ 1.60 MF$ 0.50

ALGORITHMS, MATRIX ALGEBRA
A GENERALIZED INVERSE-EPSILON ALGORITHM FOR CONSTRUCTING INTERSECTION PROJECTION MATRICES, WITH APPLICATIONS.
AD-630 538 12A T 66 10 HC$ 2.00 MF$ 0.50

ALGORITHMS, QUADRATIC PROGRAMMING
EXPERIMENTAL METHODS IN QUADRATIC PROGRAMMING.
AD-629 894 12B T 66 09 HC$ 2.00 MF$ 0.50

THE BOUNDED VARIABLE PROBLEM-AN APPLICATION OF THE DUAL METHOD FOR QUADRATIC PROGRAMMING,
AD-631 077 12B T 66 10

ALKALI CELLS, FILMS
DEVELOPMENT AND PROTOTYPE PRODUCTION OF FLEXIBLE THIN FILM BATTERIES.
PB-169 312 10C U 41 10 HC$ 2.00 MF$ 0.50

ALKALI METAL COMPOUNDS, HALIDES
INTRINSIC PHOTOCONDUCTIVITY IN THE ALKALI HALIDES.
AD-630 713 20C T 66 10

ALKALI METAL COMPOUNDS, THERMO DYNAMICS
THERMOPOTENTIAL MEASUREMENTS OF ALKALI HALIDES,
N66-14389 20M U 41 09 HC$ 1.00 MF$ 0.50

ALKALI METALS, HEAT OF SOLUTION
HEATS OF SOLUTION OF ALKALI METALS IN AMMONIA.
AD-630 917 7D T 66 10 HC$ 1.60 MF$ 0.50

ALKANES, ADSORPTION
USE OF COARSE POROUS GLASS IN GAS-ADSORPTION CHROMATOGRAPHY FOR THE SEPARATION OF LIQUID HYDROCARBONS,
AD-630 970 7D T 66 10 HC$ 1.60 MF$ 0.50

ALKANES, DIFFUSION
TEMPERATURE AND PRESSURE DEPENDENCE OF SELF-DIFFUSION IN LIQUID ETHANE,
AD-630 498 7D T 66 09

ALKANES, SULFONATES
PREPARATION OF ALKANESULFONATES.
PATENT 3,228,980 7C U 41 10

ALKENES, CHEMICAL REACTIONS
REACTIONS OF 1,4-DICHLORO-1-BUTENES WITH MAGNESIUM. A NEW CYCLOBUTENE SYNTHESIS.,
AD-629 838 7C T 66 09

ALKYNES, ALCOHOLS
ARYL-SUBSTITUTED PROPARGYL ALCOHOLS AND RELATED COMPOUNDS,
AD-630 007 7C T 66 09

ALKYNES, SYNTHESIS(CHEMISTRY)
3-BROMO- 3-METHYL- 1-BUTYNE, 1-BROMO -3-METHYL- 1,2-BUTADIENE, AND 1-BROMO -3-METHYL- 1,3-BUTADIENE,
AD-630 009 7C T 66 09

ALLERGY, PASTEURELLA
ON THE STUDYING OF AN ALLERGIC SKIN REACTION AS AN INDICATION OF IMMUNITY TO TULAREMIA,
AD-630 725 6M T 66 10 HC$ 1.60 MF$ 0.50

ALLOYS, DEFORMATION
SURVEY OF CURRENT KNOWLEDGE OF THE DEFORMATION CHARACTERISTICS OF BERYLLIUM, THE REFRACTORY METALS, AND THE SUPERALLOYS.
AD-630 427 11F T 66 09 HC$ 7.00 MF$ 1.50

ALLOYS, FATIGUE(MECHANICS)
FATIGUE CRACK PROPAGATION IN AIRCRAFT MATERIALS,
AD-630 926 20K T 66 10 HC$ 3.00 MF$ 0.75

ALLOYS, NOTCH TOUGHNESS
THE NOTCH-BEND STRENGTH OF NONFERROUS ALLOYS IN HEAVY SECTIONS.
AD-631 153 11F T 66 10 HC$ 1.60 MF$ 0.50

ALLOYS, OXIDATION
OXIDATION OF METALS AND ALLOYS.
AD-629 841 11F T 66 09

ALPHA PARTICLES, ELASTIC SCATTERING
ELASTIC SCATTERING OF 4-20 MEV ALPHA PARTICLES BY BE9,
AD-630 512 20H T 66 09

ALPHA PARTICLES, SOLAR RADIATION
COMMENTS ON SOLAR ALPHA-PARTICLE CONTRIBUTIONS TO RIOMETER MEASUREMENTS.
AD-630 183 4A T 66 09 HC$ 1.00 MF$ 0.50

ALPHA SPECTRA, DEUTERON REACTIONS
STATISTICAL MODEL AND FLUCTUATION STUDIES OF THE A127(D,ALPHA)MG25 REACTION IN THE ENERGY RANGE 5.50-8.0 MEV,
AD-630 220 20H T 66 09

ALPHA SPECTRA, PARTICLE BEAMS
ANGULAR DISTRIBUTIONS FOR THE REACTION C12(LI6, ALPHA) N14 BETWEEN 2 AND 3 MEV,
AD-630 401 20H T 66 09

ALTIMETERS, WARNING SYSTEMS
PRODUCTION TEST EQUIPMENT FOR ALTIMETER WARNING TEST SET AN/APM-254,
AD-631 141 1D T 66 10 HC$ 1.60 MF$ 0.50

ALUMINIUM, CYCLOTRON RESONANCE PHE NOMENA
CYCLOTRON MASSES FOR THE THIRD ZONE SURFACE IN ALUMINIUM,
AD-629 832 20L T 66 09

ALUMINUM ALLOYS, COATINGS
ORIGINAL FOUNDRY ALUMINUM 'AL 99.9H' AS NEWER GLAZING MATERIAL,
AD-631 174 13H T 66 10 HC$ 1.00 MF$ 0.50

ALUMINUM ALLOYS, ELECTRIC DISCHARGES
INVESTIGATION OF CHARACTERISTICS OF INFLOW OF AL-ZN ALLOY MATERIAL INTO AN AC ARC DISCHARGE AND CONCENTRATION DEPENDENCE OF THE INTENSITY OF ALUMINIUM AND ZINC LINES,
AD-630 874 20C T 66 10 HC$ 1.60 MF$ 0.50

ALUMINUM ALLOYS, FATIGUE(MECHANICS)
INFLUENCE OF PROGRAMMING TECHNIQUES AND OF VARYING LIMIT LOAD FACTOR ON MANEUVER LOAD FATIGUE TEST RESULTS,
N66-14712 11F U 41 09 HC$ 1.00 MF$ 0.50

ALUMINUM ALLOYS, GRAIN STRUCTURES(METALLURGY)
SOME FINDINGS ON THE ELOXAL CAST ALLOYS AND ELOXAL CASTINGS,
AD-631 173 11F T 66 10 HC$ 1.00 MF$ 0.50

ALUMINUM ALLOYS, MECHANICAL PROPERTIES
FATIGUE AND NOTCH BEND PROPERTIES OF HIGH-STRENGTH ALUMINUM ALLOYS.
AD-630 563 11F T 66 10 HC$ 2.60 MF$ 0.50

ALUMINUM ALLOYS, METAL PLATES
INVESTIGATION OF THE FRACTURE TOUGHNESS OF THICK PLATE METALLIC MATERIALS. PHASE I.
AD-449 664 11F U 41 09 HC$ 1.00

ALUMINUM ALLOYS, NOTCH TOUGHNESS
THE NOTCH-BEND STRENGTH OF NONFERROUS ALLOYS IN HEAVY SECTIONS.
AD-631 153 11F T 66 10 HC$ 1.60 MF$ 0.50

ALUMINUM ALLOYS, STRESSES
A STUDY OF CYCLIC PLASTIC STRESSES AT A NOTCH ROOT,
N66-13408 20K U 41 10 HC$ 2.00 MF$ 0.50

ALUMINUM ALLOYS, WELDS
WELDING-BASE METAL INVESTIGATION.
N66-13076 13H U 41 09 HC$ 6.00 MF$ 1.25

ALUMINUM ALLOYS, ZINC ALLOYS
INVESTIGATION OF CONCENTRATION DEPENDENCE OF THE INTENSITY OF ALUMINUM AND ZINC LINES IN CONTACT-PULSE SAMPLING OF THE AL-ZN ALLOY SUBSTANCE,
AD-630 412 11F T 66 09 HC$ 1.10 MF$ 0.50

ALUMINUM COMPOUNDS, CARBIDES
HEAT CAPACITY AND ENTHALPY MEASUREMENTS ON ALUMINUM CARBIDE (AL4C3) FROM 15 TO 1173K. THERMODYNAMIC PROPERTIES FROM 0 TO 2000K,
AD-630 980 11B T 66 10

ALUMINUM COMPOUNDS, COMPLEX COMPOUNDS
GROUP III ALKYL ADDUCTS OF TRANSITION METAL CYCLOPENTADIENIDES,
AD-630 006 7B T 66 09

ALUMINUM COMPOUNDS, OXIDES
MICROSTRUCTURE STUDIES OF POLYCRYSTALLINE REFRACTORY OXIDES.
AD-630 776 11B T 66 10 HC$ 3.00 MF$ 0.75

MECHANICAL BEHAVIOR OF POLYCRYSTALLINE NON-METALLICS AT ELEVATED TEMPERATURE.
N66-13636 11B U 41 09 HC$ 1.00 MF$ 0.50

ALUMINUM, GAMMA RAY SCATTERING
EXPERIMENTAL DETERMINATION OF THE GAMMARAY ANGULAR DOSE ALBEDOS OF CONCRETE, ALUMINUM AND STEEL,
AD-452 958 18J U 41 09 HC$ 4.60

ALUMINUM, ANODIC COATINGS
OPTICAL STUDIES ON ANODIC OXIDE FILMS ON ALUMINIUM (I/II),
AD-631 171 11F T 66 10 HC$ 2.00 MF$ 0.50

ORIGINAL FOUNDRY ALUMINUM 'AL 99.9H' AS NEWER GLAZING MATERIAL,
AD-631 174 13H T 66 10 HC$ 1.00 MF$ 0.50

ALUMINUM, DEUTERON BOMBARDMENT
STATISTICAL MODEL AND FLUCTUATION STUDIES OF THE A127(D,ALPHA)MG25 REACTION IN THE ENERGY RANGE 5.50-8.0 MEV,
AD-630 220 20H T 66 09

ALUMINUM, GAMMA RAYS
PENETRATION OF PLANE NORMAL AND PLANE SLANT GAMMA RAYS THROUGH SLABS OF ALUMINUM AND STEEL. II. ANGULAR AND ENERGY SPECTRA (PHOTON NUMBER FLUX),
PB-169 640 18F U 41 10 HC$ 4.60

ALUMINUM, MECHANICAL PROPERTIES
RELATIONSHIP OF SURFACE EFFECTS TO THE MECHANICAL BEHAVIOR OF METALS.
AD-630 661 11F T 66 10 HC$ 3.00 MF$ 0.75

EFFECT OF SURFACE ON THE MECHANICAL PROPERTIES OF METALS.
AD-630 949 11F T 66 10 HC$ 2.00 MF$ 0.50

ALUMINUM, NUCLEAR CROSS SECTIONS
STRUCTURE IN THE AL27 (N, ALPHA) CROSS SECTION,
AD-463 919 20H U 41 09 HC$ 1.60

ALUMINUM, POWDER METALS
HARD ANODIZING OF BAKED ALUMINUM POWDER,
AD-630 688 13H T 66 10 HC$ 1.00 MF$ 0.50

AMINES, AROMATIC COMPOUNDS
FUNDAMENTAL STUDIES ON THE SYNTHESIS OF HEAT-RESISTANT POLYMERS. THE SYNTHESIS AND EVALUATION OF POLYMERIC SCHIFF BASES FROM XYLYLIDENE TETRAALKYL ETHERS.
N66-13161 7C U 41 09 HC$ 3.00 MF$ 0.75

AMINO ACIDS, MASS SPECTROSCOPY
AN INVESTIGATION OF THE MASS SPECTRA OF TWENTY-TWO FREE AMINO ACIDS,
N66-13094 7D U 41 09 HC$ 3.00 MF$ 0.75

AMINO ACIDS, METABOLISM
THE INTRACELLULAR AMINO ACID POOL OF CANDIDA UTILIS DURING GROWTH IN AND CONTINUOUS FLOW CULTURES,
AD-629 755 6A T 66 09

AMINO ACIDS, MOLECULAR ROTATION
OPTICAL RESOLUTION OF D,L AMINO ACIDS BY GAS CHROMATOGRAPHY AND MASS SPECTROMETRY,
AD-629 825 6A T 66 09

AMMONIA, ELECTROLYTIC CELLS
RESEARCH ON AMMONIA BATTERY SYSTEM,
AD-286 520 10C U 41 10 HC$10.60

AMMONIA, ELECTRON BOMBARDMENT
SMALL-ANGLE SCATTERING FROM METHANE, AMMONIA AND WATER BY FAST ELECTRONS,
AD-629 849 7D T 66 09

AMMONIA, SOLUTIONS
PHASE CHANGES AND ELECTRICAL CONDUCTIVITY OF CONCENTRATED LITHIUM-AMMONIA SOLUTIONS AND THE SOLID EUTECTIC,
AD-630 181 7D T 66 09

HEATS OF SOLUTION OF ALKALI METALS IN AMMONIA.
AD-630 917 7D T 66 10 HC$ 1.60 MF$ 0.50

AMMONIA, THERMODYNAMICS
A SURVEY OF THERMODYNAMIC PROPERTIES OF THE COMPOUNDS OF THE ELEMENTS.
N66-13373 7D U 41 10 HC$ 2.00 MF$ 0.50

AMMONIUM COMPOUNDS, ELECTROLYTES
EFFECT OF TETRAALKYLAMMONIUM HYDROXIDES ON THE ELECTRODE KINETICS OF THE CHROMI-CHROMOCYANIDE COUPLE,
AD-466 906 7D U 41 09 HC$ 1.00 MF$ 0.50

AMMONIUM COMPOUNDS, CITRATES
SOLUBILITY OF CARBON DIOXIDE IN THE AMMONIUM CITRATE SOLUTION OF THE APAC PROCESS,
WAPD-TM-311 7C U 41 09 HC$ 1.00 MF$ 0.50

AMMUNITION, MANUFACTURING METHODS
AMMUNITION LOADING TECHNIQUES,
AD-630 358 19A T 66 09 HC$ 1.60 MF$ 0.50

AMPHIBIOUS VEHICLES, MODEL TESTS
FEASIBILITY OF SIX-DEGREE-OF-FREEDOM GEM MODEL TESTING IN THE DAVID TAYLOR MODEL BASIN MANEUVERING AND SEAKEEPING FACILITY,
AD-466 621 1C U 41 09 HC$ 2.00 MF$ 0.50

AMPLIFIERS, ELECTROACOUSTIC TRANSDUCERS
TWO-PORT NETWORK PARAMETERS OF THE PIEZOELECTRIC SEMICONDUCTOR ELECTROACOUSTIC AMPLIFIER,
AD-631 035 9E T 66 10 HC$15.40 MF$ 1.00

AMPLIFIERS, INTEGRATED CIRCUITS
THIN FILMS FORMED BY ELECTROCHEMICAL REACTIONS,
AD-631 034 9A T 66 10 HC$ 2.00 MF$ 0.50

AMPLIFIERS, OSCILLOSCOPES

PREAMPLIFIER TYPE M.
PB-169 367 9A U 41 09 HC$ 1.60 MF$ 0.50

AMPLIFIERS, TRAVELING WAVE TUBES
INVESTIGATION OF SOLID STATE TRAVELING -WAVE-AMPLIFIER TECHNIQUES FOR FUTURE SATELLITE APPLICATIONS.
N66-13832 9F U 41 09 HC$ 2.00 MF$ 0.50

AMPLIFIERS, TRAVELING-WAVE TUBES
SEMICONDUCTOR AND O-TYPE AMPLIFIER INVESTIGATIONS.
AD-630 474 9A T 66 09 HC$ 4.60 MF$ 0.50

AD-630 484AD-630 474 9A T 66 09 HC$ 4.60 MF$ 0.50

ANALGESICS + ANTIPYRETICS, PATHOLOGY
EFFECTS OF THE METABOLITES OF PHENACETIN ON THE RAT.
AD-629 961 6O T 66 09

ANALOG COMPUTERS, TRANSISTOR AMPLIFIERS
A TRANSISTORIZED RATIO AMPLIFIER EMPLOYING THE PRINCIPLE OF ELAPSED TIME COMPUTATION.
AD-630 223 9B T 66 09

ANALOG-TO-DIGITAL CONVERTERS, INFORMATION THEORY
OPTIMUM RATE ALLOCATION FOR ENCODING SETS OF ANALOG MESSAGES.
AD-630 374 9D T 66 09

ANALYSIS OF VARIANCE, STATISTICAL DISTRIBUTIONS
ESTIMATION OF THE SCALE PARAMETER OF THE WEIBULL PROBABILITY DENSITY FUNCTION BY USE OF ONE ORDER AND OF M ORDER STATISTICS.
AD-630 809 12A T 66 10 HC$16.60 MF$ 1.00

ESTIMATION OF THE SCALE PARAMETER OF THE GAMMA DISTRIBUTION BY USE OF L ORDER STATISTICS.
AD-630 810 12A T 66 10 HC$20.30 MF$ 1.25

LINEAR ESTIMATION OF THE LOCATION AND SCALE PARAMETERS OF THE WEIBULL AND GAMMA PROBABILITY DISTRIBUTIONS BY THE USE OF ORDER STATISTICS.
AD-630 811 12A T 66 10 HC$24.00 MF$ 1.25

ANGLE OF ARRIVAL, PROBES(ELECTROMAGNETIC)
MICROWAVE POINTING VARIATIONS AND ANGLE MEASUREMENTS.
AD-630 249 17I T 66 09 HC$ 4.60 MF$ 0.50

ANIMALS, RADIATION EFFECTS
OFFSITE ECOLOGICAL RESEARCH OF THE DIVISION OF BIOLOGY AND MEDICINE.
TID-13358 6F U 41 09 HC$ 2.50 MF$ 1.00

ANNIHILATION REACTIONS, MEASUREMENT
TIME MATCH OF PULSES AND TIME RESOLUTION OF A TIME-TO-AMPLITUDE CONVERTER.
AD-630 229 18D T 66 09

ANNIHILATION REACTIONS, MEASUREMENTS
CONSTRUCTION AND PERFORMANCE OF A FAST TIME-TO-AMPLITUDE CONVERTER.
AD-630 230 18D T 66 09

ANNIHILATION REACTIONS, POSITRONS
POSITRON LIFETIMES IN NEUTRON- AND GAMMA -IRRADIATED POLYMERS.
AD-630 227 7E T 66 09

ANODES(ELECTROLYTIC CELL), ADSORPTION
A STUDY OF THE ADSORPTION MECHANISMS ON OXYGEN ELECTRODES.
AD-442 413 7D U 41 10 HC$ 8.60

ANODES(ELECTRON TUBES), FAILURE(ELEC TRONICS)
A STUDY OF VOLTAGE BREAKDOWN PHENOMENA IN THE MODULATING ANODE REGION OF HIGH-POWER MICROWAVE TUBES.
AD-630 250 9A T 66 09 HC$ 9.60 MF$ 0.75

ANODIC COATINGS, ALUMINUM
OPTICAL STUDIES ON ANODIC OXIDE FILMS ON ALUMINIUM (I/II).
AD-631 171 11F T 66 10 HC$ 2.00 MF$ 0.50

ANODIC COATINGS, ALUMINUM ALLOYS
HARD ANODIZING OF BAKED ALUMINUM POWDER.
AD-630 688 13H T 66 10 HC$ 1.00 MF$ 0.50

ANTARCTIC REGIONS, GEOLOGY
THE GEOLOGY OF THE GENERAL BERNARDO O'HIGGINS AREA, NORTHWEST ANTARCTIC PENINSULA.
AD-630 955 8G T 66 10

ANTARCTIC REGIONS, ICE ISLANDS
SEA ICE STRENGTH STUDIES ON MCMURDO SOUND DURING THE AUSTRAL SUMMER 1964-65.
AD-630 201 8L T 66 09 HC$ 1.00 MF$ 0.50

ANTARCTIC REGIONS, SNOW
DISTRIBUTION OF DIAGENETIC SNOW FACIES IN ANTARCTICA AND IN GREENLAND.
AD-630 956 8L T 66 10

ANTENNA ARRAYS, ACTIVE
PHASE ERROR ANALYSIS FOR AN ACTIVE ARRAY SYSTEM.
AD-630 465 9D T 66 09 HC$ 2.00 MF$ 0.50

ANTENNA ARRAYS, ANTENNA LOBES
SUPPRESSION OF SIDE-LOBES OF LINEAR ARRAYS.
AD-631 063 20N T 66 10 HC$ 1.00 MF$ 0.50

ANTENNA ARRAYS, LOG PERIODIC ANTENNAS
THE LOGARITHMICALLY PERIODIC RHOMBIC ANTENNA.
AD-630 091 9E T 66 09 HC$ 7.60 MF$ 0.75

ANTENNA ARRAYS, MICROWAVE COMMUNICATION SYSTEMS
BEYOND-LINE-OF-SIGHT DATA TRANSMISSION USING ADAPTIVE ARRAY TECHNIQUES.
AD-446 155 17B U 41 10 HC$ 4.60

ANTENNA FEEDS, LUNEBERG LENS ANTENNAS
APERATURE BLOCKING OF THE HIGH-FREQUENCY LUNEBERG LENS BY A SEMICIRCULAR GRATING OF MONOPOLE FEEDS.
AD-630 093 9E T 66 09 HC$ 3.00 MF$ 0.50

ANTENNA FEEDS, PARABOLIC ANTENNAS
HIGH GAIN ANTENNA TECHNIQUES. AN APPROACH TO THE DESIGN OF THE CASSEGRAIN ANTENNA.
AD-630 873 9E T 66 10 HC$ 4.60 MF$ 0.50

ANTENNA LOBES, REDUCTION
SUPPRESSION OF SIDE-LOBES OF LINEAR ARRAYS.
AD-631 063 20N T 66 10 HC$ 1.00 MF$ 0.50

ANTENNA RADIATION PATTERNS, DIPOLE ANTENNAS
THE NEAR FIELDS OF SUBSURFACE ELECTRIC DIPOLE ANTENNAS.
AD-629 878 20N T 66 09 HC$ 1.60 MF$ 0.50

THE NEAR FIELDS OF SUBSURFACE MAGNETIC DIPOLE ANTENNAS.
AD-629 916 20N T 66 09 HC$ 1.60 MF$ 0.50

ANTENNA RADIATION PATTERNS, LEAST SQUARES METHOD
ARRAY SYNTHESIS - A LEAST INTEGRAL SQUARE ERROR METHOD.
N66-14957 9F U 41 10 HC$ 2.00 MF$ 0.50

ANTENNA RADIATION PATTERNS, MEASUREMENT
INVESTIGATION OF PRECISION ANTENNA PATTERN RECORDING AND DISPLAY TECHNIQUES. PHASE II.
AD-630 124 20N T 66 09 HC$ 5.00 MF$ 1.00

ANTENNA RADIATION PATTERNS, TEST METHODS
FULL-SCALE HF ANTENNA PATTERN MEASURE- MENTS MADE WITH TRANSMITTER TOWED BY AIRCRAFT.
AD-630 092 9A T 66 09 HC$ 2.60 MF$ 0.50

ANTENNAS, ATMOSPHERE ENTRY
ECM AEROSPACE ANTENNA STUDIES. VOLUME 2 OF 2.
AD-630 049 9E T 66 09 HC$ 2.00 MF$ 0.50

ANTENNAS, DIRECTION FINDING
THE USE OF SOLAR RADIO EMISSION FOR ANTENNA ORIENTATION.
AD-449 379 17C U 41 09 HC$ 5.60

ANTENNAS, OPTICAL ANALYSIS
APPLICATION OF WEDGE DIFFRACTION TO ANTENNA THEORY.
N66-14053 9E U 41 09 HC$ 3.00 MF$ 0.75

ANTENNAS, PHASED ARRAYS
HIGH GAIN ANTENNA TECHNIQUES. SYSTEM GAIN-TO-NOISE TEMPERATURE RATIO MEASUREMENTS ON AN ADAPTIVELY PHASED ARRAY.
AD-630 872 9E T 66 10 HC$ 7.60 MF$ 0.75

ANTENNAS, WAVEGUIDES
FOUNDATIONAL RESEARCH PROJECTS, OCTOBER-DECEMBER 1965.
AD-630 653 5A T 66 10 HC$ 4.60 MF$ 0.50

ANTHRACENES, FLUORESCENCE
FLUORESCENCE AND DEFECT FLUORESCENCE OF ANTHRACENE AT 4.2K.
AD-629 754 7D T 66 09

ANTHRACENES, REACTION KINETICS
KINETICS OF ANTHRACENE ADDITION TO POLYSTYRENES POSSESSING ONE OR TWO LIVING ENDS PER CHAIN.
AD-630 000 7D T 66 09

ANTHROPOMETRY, SURVIVAL
BODY-BUILD AND SURVIVAL IN EJECTIONS FROM NAVY AIRCRAFT.
AD-630 466 6G T 66 09 HC$ 1.10 MF$ 0.50

ANTIFOULING COATINGS, TAR
USE OF ANTI-CORROSION AND ANTI-FOULING PAINTS BASED ON COAL TAR AND ITS MIXTURES WITH PHENOL OR EPOXY RESINS.
AD-629 863 11C T 66 09

ANTIGENS + ANTIBODIES, MOLECULAR ASSOCIATION
ON THE VALENCY OF INCOMPLETE ANTI-RH ANTIBODIES.
AD-630 178 6E T 66 09

ANTIMISSILE DEFENSE SYSTEMS, USSR
SOVIET ANTI-MISSILE DEFENSE.
AD-630 877 15C T 66 10 HC$ 1.10 MF$ 0.50

ANTIMONY COMPOUNDS, FLUORIDES
SOLUTIONS IN NON-AQUEOUS SOLVENTS.
AD-630 795 7B T 66 10 HC$ 1.60 MF$ 0.50

ANTIMONY COMPOUNDS, ZONE MELTING
EXPERIMENTAL STUDY OF ZONE REFINING OF THE BINARY SYSTEM TRIPHENYL ANTIMONY - NAPHTHALENE.
AD-630 609 H13H,T 66 10 HC$ 3.00 MF$ 0.75

ANTIMONY, NUCLEAR MAGNETIC RESONANCE
NUCLEAR MAGNETIC RESONANCE IN LIQUID COPPER AND ANTIMONY METALS.
AD-629 868 20H T 66 09

ANTIMOTION SICKNESS AGENTS, EFFECTIVENESS
A COMPARISON OF EFFECTIVENESS OF SOME ANTIMOTION SICKNESS DRUGS USING RECOMMENDED AND LARGER THAN RECOMMENDED DOSES AS TESTED IN THE SLOW ROTATION ROOM.
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CHARACTERISTICS OF TECHNICAL REPORTS THAT AFFECT READER BEHAVIOR: A REVIEW OF THE LITERATURE.

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APPROXIMATION (MATHEMATICS), SUPERSONIC FLOW
THE USE OF RATIONAL APPROXIMATIONS IN THE DIRECT CALCULATION OF SUPERSONIC FLOW PAST A BLUNT BODY OF REVOLUTION.
AD-630 244 20D T 66 09 HC$ 4.60 MF$ 0.50

APPROXIMATION(MATHEMATICS), FUNCTIONS
RATIONAL APPROXIMATION OF ARBITRARY REAL FUNCTIONS WITH SPECIFIED WEIGHTS.
AD-630 595 12A T 66 10 HC$ 9.60 MF$ 0.75

APPROXIMATION(MATHEMATICS), INTEGRAL EQUATIONS
ANALYTIC APPROXIMATION TECHNIQUES IN APPLIED MATHEMATICS.
AD-629 964 12A T 66 09

APPROXIMATION(MATHEMATICS), METEOROLOGICAL DATA
APPROXIMATION OF TWO-DIMENSIONAL FIELDS BY CHEBYSHEV POLYNOMIALS.
AD-630 669 12A T 66 10 HC$ 1.00 MF$ 0.50

ARC HEATERS, HYPERSONIC WIND TUNNELS
DESIGN AND OPERATION OF THE BATTERY POWER SUPPLY OF A HYPERSONIC PROPULSION FACILITY (U).
AD-466 360 14B U 41 10 HC$ 7.60 MF$ 0.75

ARC HEATERS, WIND TUNNELS
INVESTIGATION OF HEATING OF AIR STREAM IN A WIND TUNNEL BY MEANS OF AN ELECTRICAL DISCHARGE.
PB-169 434 14B U 41 10 HC$ 9.60

ARC WELDING, FRACTURE(MECHANICS)
STUDY OF ELEMENTARY CRACKING PRELIMINARY STUDY OF WELDING PROCEDURE PROTOTYPE TESTS.
EURAEC-1221 13H U 41 09 HC$ 1.00 MF$ 0.50

ARCHAEOLOGY, DATA PROCESSING SYSTEMS
LES APPLICATIONS DE LA MECANOGRAPHIE DANS LA DOCUMENTATION ARCHEOLOGIQUE.
PB-169 230 5B U 41 10 HC$ 1.00 MF$ 0.50

ARCTIC OCEAN, UNDERWATER SOUND
SEISMOMETERS ON ARCTIC ICE FOR DETECTION OF UNDERWATER ACOUSTIC DISTURBANCES.
AD-631 080 20A T 66 10 HC$ 2.00 MF$ 0.50

ARCTIC REGIONS, OCEANOLOGY
OCEANOGRAPHIC EXPEDITIONS OF THE U. S. NAVY HYDROGRAPHIC OFFICE IN THE ARCTIC IN 1961.
AD-631 076 8J T 66 10 HC$ 1.10 MF$ 0.50

ARCTIC REGIONS, RADIO NAVIGATION
AN EXPERIMENT IN ARCTIC VLF NAVIGATION.
AD-630 786 17G T 66 10 HC$ 2.00 MF$ 0.50

ARGON, NUCLEAR CROSS SECTIONS
TIME-OF-FLIGHT SPECTROMETER.
AD-630 438 14B T 66 09 HC$ 1.00 MF$ 0.50

ARMAMENT, ANALYSIS
FACTORS OPERATIVE IN A POST-ARMS CONTROL SITUATION, VOLUME I.
AD-630 939 5D T 66 10 HC$ 3.00 MF$ 0.75

FACTORS OPERATIVE IN A POST-ARMS CONTROL SITUATION, VOLUME II.
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ARMED FORCES PROCUREMENT, COST EFFECTIVENESS
CRITERIA FOR VALUE ENGINEERING. PHASE I. FEASIBILITY STUDY.
AD-630 207 14A T 66 09 HC$ 2.00 MF$ 0.50

ARMORED VEHICLES, HUMAN ENGINEERING
THE EFFECTS OF CONFINEMENT ON THE PERFORMANCE OF COMBAT RELEVANT SKILLS: SUMMARY REPORT.
AD-463 918 5E U 41 10 HC$ 2.00

ARMOR, PLASTICS
STUDY OF DYNAMIC BIREFRINGENCE AND STRAIN PRODUCED IN TRANSPARENT POLYMERS BY MECHANICAL IMPACT.
AD-630 913 11I T 66 10 HC$ 2.00 MF$ 0.50

ARMS CONTROL, ANALYSIS
FACTORS OPERATIVE IN A POST-ARMS CONTROL SITUATION, VOLUME I.
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FACTORS OPERATIVE IN A POST-ARMS CONTROL SITUATION, VOLUME II.
AD-630 940 5D T 66 10 HC$ 6.00 MF$ 1.25

ARMS CONTROL, THEORY
BOOK REVIEW: SECRECY AND THE ARMS RACE: A THEORY OF THE ACCUMULATION OF STRATEGIC WEAPONS AND HOW SECRECY ACCUMULATION OF STRATEGIC WEAPONS AND HOW SECRECY AFFECTS IT.
AD-630 299 5D T 66 09 HC$ 1.10 MF$ 0.50

ARMS CONTROL, UNITED STATES
UNITED STATES CAPABILITIES FOR COMMAND AND CONTROL.
AD-414 902 15C U 41 10 HC$ 2.60

ARMY OPERATIONS, SIMULATION
THE ARMY DEPLOYMENT SIMULATOR.
AD-455 526 15G U 41 09 HC$ 7.60

ARMY OPERATIONS, HELICOPTERS
EVALUATION OF FORWARD AREA ASSAULT PLANS FOR ARMY HELICOPTER OPERATIONS.
AD-462 466 15G U 41 10 HC$11.60

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U. S. ARMY PARTICIPATION IN THE METEOROLOGICAL ROCKET NETWORK.
AD-630 813 4B T 66 10 HC$ 1.00 MF$ 0.50

ARMY RESEARCH, BIBLIOGRAPHIES
BIBLIOGRAPHY OF PUBLICATIONS AND TECHNICAL PAPERS FOR 1963.
AD-630 118 15E T 66 09 HC$ 2.00 MF$ 0.50

BIBLIOGRAPHY OF PUBLICATIONS AND TECHNICAL PAPERS FOR 1964.
AD-630 132 15E T 66 09 HC$ 2.00 MF$ 0.50

ARMY TRAINING, SITE SELECTION
A SURVEY OF EUROPEAN TRAINING DEVICES.
AD-630 246 5I T 66 09 HC$ 8.60 MF$ 0.75

AROMATIC COMPOUNDS, ADSORPTION
USE OF COARSE POROUS GLASS IN GAS-ADSORPTION CHROMATOGRAPHY FOR THE SEPARATION OF LIQUID HYDROCARBONS.
AD-630 970 7D T 66 10 HC$ 1.60 MF$ 0.50

AROMATIC COMPOUNDS, OXIDATION
OXIDATION OF POLYCYCLIC, AROMATIC HYDROCARBONS: A REVIEW OF THE LITERATURE.
C13,44-87 7C U 41 09 MF$ 0.75

ARSENIDES, SYNTHESIS(CHEMISTRY)
PRESSURE SYNTHESIS OF BORON PHOSPHIDE AND BORON ARSENIDE.
AD-631 093 7B T 66 10

ARTHROPODS, INFECTIOUS DISEASES
SOME CONTRIBUTIONS TO THE PROBLEM OF THE EPIDEMIC PROCESS. II. BASIC LAWS GOVERNING THE TRANSMISSION OF INFECTIOUS DISEASES BY PARASITIC ARTHROPODA. INSECTS AND TICKS. SUMMARY ONLY.
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DATA ON EPIDEMIC PROCESSES. III. COMMUNICATION. EPIDEMIOLOGIC PECULIARITIES OF THE PLAGUE AND TULAREMIA CAUSED BY DIFFERENT WAYS OF INFECTION.
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ARTIFICIAL INTELLIGENCE, LEARNING MACHINES
A STATISTICAL APPROACH TO THE DESIGN OF INTELLIGENT MACHINES. PATTERN RECOGNITION AND LEARNING.
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ARTIFICIAL PRECIPITATION, USSR
ACTIVITIES IN RADAR METEOROLOGY, CLOUD PHYSICS, AND WEATHER MODIFICATION IN THE SOVIET UNION (JUNE 1965).
AD-630 618 4B T 66 10

ARTIFICIAL PRECIPITATION, WEST INDIES
METEOROLOGICAL STUDIES CONDUCTED BY CON- TRACT NONR-4071(00).
AD-630 110 4B T 66 09 HC$ 1.60 MF$ 0.50

ASPHALT, PAVEMENTS
DEVELOPMENT OF NUCLEAR DENSITY TESTS FOR HOT ASPHALT PAVEMENTS.
PB-169 509 13B U 41 10 HC$ 2.00 MF$ 0.50

ASTRONAUTICS, CELESTIAL MECHANICS
AN OBSERVATION OF THE SATELLITE PERTURBATION PRODUCED BY THE SOLAR TIDE.
AD-467 993 22C U 41 10 HC$ 2.60 MF$ 0.50

ASTRONAUTICS, INDUSTRIES
SPACE TECHNOLOGY APPLIED TO MAN'S EARTHLY NEEDS. A FEASIBILITY STUDY ON THE TRANSFER OF AEROSPACE TECHNOLOGY TO INDUSTRY USE.
N66-13375 5A U 41 10 HC$ 3.00 MF$ 0.75

ASTRONAUTICS, USSR
LATEST ACHIEVEMENTS OF SOVIET SCIENCE IN THE CONQUEST OF SPACE.
AD-630 879 22A T 66 10 HC$ 1.00 MF$ 0.50

ASTRONAUTS, MOTION
A STUDY OF THE EFFECT OF MAN'S MOTION ON THE ATTITUDE AND ORBITAL MOTION OF A SATELLITE.
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ASTRODYNAMIC CONSTANTS ANALYSIS.
AD-630 642 3A T 66 10 HC$ 4.00 MF$ 1.00

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TRANSIT ACCELERATION OF CHARGED PARTICLES IN AN INHOMOGENEOUS ELECTROMAGNETIC FIELD.
AD-630 376 20C T 66 09

ASTROPHYSICS, RELATIVITY THEORY
RELATIVISTIC ASTROPHYSICS.
AD-629 842 3B T 66 09

ASTROPHYSICS, SYMPOSIA
INTERNATIONAL YEARS OF THE QUIET SUN. VOLUME 2. (ANOS INTERNACIONALES DEL SOL CALMO).
AD-630 805 4A T 66 10 HC$ .60 MF$ 0.75

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ON TURNING POINT PROBLEMS FOR SYSTEMS WITH ALMOST DIAGONAL COEFFICIENT MATRIX.
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ON THE COMPUTATION OF CERTAIN FUNCTIONS OF LARGE ARGUMENT AND PARAMETER.
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ASYMPTOTIC COORDINATE CONDITIONS, THE WAVE FRONT THEOREM, AND PROPERTIES OF ENERGY AND MOMENTUM.
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AT MOSPHERIC SOUNDING, RADIOACTIVE ISOTOPES
14 C MEASUREMENTS IN THE ATMOSPHERE.
HASL-166 18H U 41 09 HC$ 2.50 MF$ 0.75

ATLANTIC OCEAN, OCEAN WAVES
WAVE HINDCAST PROJECT NORTH ATLANTIC OCEAN.
AD-630 431 8C T 66 09 MF$ 0.50

ATMOSPHERE ENTRY, ABLATION
POSSIBLE OCCURRENCE OF BOUNDARY SHOCK WAVES,
N66-14390 20D U 41 09 HC$ 3.00 MF$ 0.50

ATMOSPHERE ENTRY, AUXILIARY POWER PLANTS
METHODS FOR PREDICTING AERODYNAMIC HEATING RATES TO HIGH-VELOCITY BODIES IN THE UPPER ATMOSPHERE.
NAA-SR-11704 22C U 41 09 HC$ 2.00 MF$ 0.50

ATMOSPHERE ENTRY, CONTROL
SOME REMARKS CONCERNING THE NEWTON-RAPH- SON ALGORITHM AND ABNORMALITY IN ATMOSPHERIC ENTRY CONTROL PROBLEMS,
AD-630 862 12B T 66 10 HC$ 4.60 MF$ 0.50

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ATMOSPHERIC EFFECTS ON RE-ENTRY VEHICLE DISPERSIONS.
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ATMOSPHERE ENTRY, SIMULATION
EXPLOSIVE GAS GUN FOR RE-ENTRY SIMULATION.
AD-630 801 14B T 66 10 HC$ 3.00 MF$ 0.75

ATMOSPHERE MODELS, IONOSPHERE
THE IONOSPHERE BELOW 100 KM (D-REGION) A SIMPLE MODEL.
AD-630 094 4A T 66 09 HC$ 5.60 MF$ 0.50

ATMOSPHERE, ACOUSTICS
LONG-RANGE ACOUSTIC PROPAGATION IN THE ATMOSPHERE.
AD-467 017 20A U 41 10 HC$ 4.60 MF$ 0.50

ATMOSPHERE, ANALYSES
MULTIDISCIPLINARY RESEARCH IN SPACE-RELATED SCIENCE AND TECHNOLOGY.
N66-15068 3B U 41 10 HC$ 4.00 MF$ 0.75

ATMOSPHERE, DENSITY
SMITHSONIAN ASTROPHYSICAL OBSERVATORY SPECIAL REPORT,
N66-13840 22A U 41 09 HC$ 1.00 MF$ 0.50

ATMOSPHERE, OPTICAL PROPERTIES
VISUAL RESOLUTION AND OPTICAL SCINTILLATION OVER SNOW, ICE AND FROZEN GROUND, PART II.
AD-630 603 20F T 66 10 HC$ 3.00 MF$ 0.50

ATMOSPHERE, OPTICS
NUMERICAL RESULTS FOR INTERNAL INTENSITIES IN ATMOSPHERES ILLUMINATED BY ISOTROPIC SOURCES,
AD-631 015 20F T 66 10 HC$14.60 MF$ 1.00

ATMOSPHERE, PURIFICATION
CARBON DIOXIDE CONCENTRATION SYSTEM.
N66-13114 6K U 41 09 HC$ 2.00 MF$ 0.50

ATMOSPHERIC HEATING, THERMAL RADIATION
AIR RADIATION GRAPHS: SPECTRALLY INTEGRATED FLUXES INCLUDING LINE CONTRIBUTIONS AND SELF ABSORPTION,
AD-468 061 7D U 41 10 HC$ 3.00 MF$ 0.50

ATMOSPHERIC MOTION, DIFFUSION
TURBULENT DIFFUSION FROM A CONTINUOUS POINT SOURCE IN THE PRESENCE OF VERTICAL ADVECTION.
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ATMOSPHERIC MOTION, THERMODYNAMICS
THE EFFECTS OF THERMAL STRATIFICATION ON THE TURBULENT EXCHANGE IN A DIABATIC SURFACE LAYER.
AD-631 058 4B T 66 10 HC$ 2.00 MF$ 0.50

ATMOSPHERIC MOTION, TURBULENT BOUNDARY LAYER
TURBULENCE IN THE SURFACE LAYER OF A STRATIFIED ATMOSPHERE.
AD-631 060 4B T 66 10 HC$ 1.00 MF$ 0.50

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A STUDY OF THE MICROPHYSICAL MECHANISM OF WARM-CLOUD PRECIPITATION,
AD-631 032 4B T 66 10 HC$ 1.00 MF$ 0.50

ATMOSPHERIC REFRACTION, DOPPLER EFFECT
IMPROVEMENT OF THE TROPOSPHERIC CORRECTION FOR DOPPLER DATA, BASED ON A STUDY OF UPPER AIR METEOROLOGICAL DATA,
AD-459 426 4A U 41 09 HC$ 1.60

ATMOSPHERIC REFRACTION, HUMIDITY
THE APPARENT DEPENDENCE OF TERRESTRIAL SCINTILLATION INTENSITY UPON ATMOSPHERIC HUMIDITY.
AD-630 117 4A T 66 09 HC$ 2.00 MF$ 0.50

INVESTIGATION OF REFRACTOMETER MEASUREMENTS IN THE ATMOSPHERE AT HIGH RELATIVE HUMIDITIES AND TEMPERATURES.
AD-630 293 4A T 66 09 HC$ 5.00 MF$ 1.00

ATMOSPHERIC REFRACTION, TERRAIN
RESEARCH ON TERRAIN EFFECTS ON OPTICAL TURBULENCE GENERATION.
AD-460 727 4A U 41 09 HC$ 6.60

ATMOSPHERIC SOUNDING, ANTENNA ARRAYS
THE LOGARITHMICALLY PERIODIC RHOMBIC ANTENNA.
AD-630 091 9E T 66 09 HC$ 7.60 MF$ 0.75

ATMOSPHERIC SOUNDING, ELECTRON DENSITY
EVIDENCE OF IONOSPHERIC INHOMOGENEITIES OVER WALLOPS ISLAND.
AD-629 922 4A T 66 09 HC$ 2.60 MF$ 0.50

DETERMINATION OF THE ELECTRON DENSITY IN THE IONOSPHERE BY THE PULSE DELAY TECHNIQUE.
AD-630 126 4A T 66 09 HC$13.60 MF$ 1.00

ATMOSPHERIC SOUNDING, IONOSPHERE
DIRECT SOUNDING STUDIES OF THE IONOSPHERE.
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ATMOSPHERIC SOUNDING, MAGNETO-OPTIC EFFECT
IONOSPHERIC PARAMETERS DERIVED FROM ECHO II RADAR RETURNS DURING SOLAR MINIMUM CONDITIONS.
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ATMOSPHERIC SOUNDING, METEOROLOGICAL BALLOONS
BALLOON-BORNE ELECTRIC METEOROGRAPH.
AD-630 668 4B T 66 10 HC$ 1.00 MF$ 0.50

ATMOSPHERIC SOUNDING, OPTIMIZATION
STUDY DIRECTED TOWARD OPTIMIZATION OF OPERATING PARAMETERS OF THE EMAC PROBE FOR THE REMOTE MEASUREMENT OF ATMOSPHERIC PARAMETERS.
AD-629 996 4A T 66 09 HC$16.10 MF$ 1.00

ATMOSPHERIC SOUNDING, OZONE
COMPARISON OF CHEMILUMINESCENT AND ELECTROCHEMICAL OZONESONDE OBSERVATIONS,
AD-629 986 4A T 66 09

ATMOSPHERIC SOUNDING, RADAR REFLECTIONS
RADIO PHYSICS AND ASTRONOMY.
AD-629 923 17I T 66 09 HC$ 4.00 MF$ 0.75

ATMOSPHERIC SOUNDING, RADIOMETERS
EXPERIMENTAL FEASIBILITY STUDY OF REMOTE MICROWAVE MEASUREMENTS OF ATMOSPHERIC TEMPERATURE.
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ATMOSPHERIC SOUNDING, SCIENTIFIC SATELLITES
LOW-ENERGY PROTON AND ELECTRON EXPERIMENT FOR THE ORBITING GEOPHYSICAL OBSERVATORIES B AND E.
AD-466 638 4A U 41 10 HC$ 3.60 MF$ 0.50

ATMOSPHERIC SOUNDING, SOUNDING ROCKETS
METEOROLOGICAL DATA REPORT AEROBEE KP 3.4, 7 APRIL 1964,
AD-444 416 4B U 41 10 HC$ 3.60

METEOROLOGICAL ROCKET NETWORK FIRINGS. VOLUME XXI. MAY 1963 FIRINGS.
AD-467 545 4B U 41 10 HC$18.40 MF$ 1.00

U. S. ARMY PARTICIPATION IN THE METEOROLOGICAL ROCKET NETWORK.
AD-630 813 4B T 66 10 HC$ 1.00 MF$ 0.50

ATMOSPHERIC SOUNDING, THERMISTORS
THEORETICAL TIME CONSTANT AND RADIATION ERROR OF A ROCKETSONDE THERMISTOR.
AD-630 073 4B T 66 09

ATMOSPHERIC SOUNDING, WHISTLERS
FRACTIONAL CONCENTRATION OF HYDROGEN IONS IN THE IONOSPHERE FROM VLF PROTON WHISTLER MEASUREMENT,
AD-630 020 4A T 66 09

ATMOSPHERIC TEMPERATURES, MEASUREMENT
EXPERIMENTAL FEASIBILITY STUDY OF REMOTE MICROWAVE MEASUREMENTS OF ATMOSPHERIC TEMPERATURE.
AD-630 460 4B T 66 09 HC$ 7.00 MF$ 1.50

ATMOSPHERIC TEMPERATURE, RADIATION(HEAT TRANSFER
SOME RESULTS OF CALCULATION OF THE RADIATIONAL VARIATION OF TEMPERATURE IN THE ATMOSPHERIC BOUNDARY LAYER.
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ATMOSPHERICS, COSMIC RAY BURSTS
DETECTION OF RADIO PULSES FROM EXTENSIVE AIR SHOWERS, WITH A WIDE-BAND RECEIVING SYSTEM,
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ATOMIC ENERGY LEVELS, LASERS
THEORY OF DOUBLE RESONANCE IN GASEOUS LASERS,
AD-630 953 20E T 66 10

ATOMIC ENERGY LEVELS, NEON
ATOMIC LIFETIMES IN NEON I,
AD-631 017 7D T 66 10

ATOMIC ENERGY LEVELS, OXYGEN
OXYGEN METASTABLE ATOM PRODUCTION THROUGH PHOTODETACHMENT,
AD-630 714 20H T 66 10

ATOMIC SPECTROSCOPY, SHOCK TUBES
SHOCK TUBE SPECTROSCOPY LABORATORY. ANNUAL REPORT,
AD-629 958 14B T 66 09 HC$ 1.10 MF$ 0.50

ATOMIC STRUCTURE, MATHEMATICAL MODELS
CALCULATIONS IN ATOMIC SCATTERING PROBLEMS AND ATOMIC STRUCTURE.
AD-630 172 7D T 66 09 HC$ 1.10 MF$ 0.50

ATOMOSPHERIC SOUNDING, SOUNDING ROCKETS
METEOROLOGICAL ROCKET NETWORK FIRINGS. VOLUME XXXIX. NOVEMBER 1964 FIRINGS.
AD-466 651 4A U 41 10 HC$28.20 MF$ 1.50

ATOMS, ELECTRON BOMBARDMENT
CONFERENCE ON THE PHYSICS OF ELECTRONIC AND ATOMIC COLLISIONS, JANUARY 27 AND 28, 1958.
AD-630 803 7D T 66 10 HC$ 8.60 MF$ 0.75

ATOMS, INELASTIC SCATTERING
INELASTIC ELECTRON SCATTERING FROM ATOMS AND MOLECULES AT MEDIUM ENERGIES.
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ATOMS, RECOMBINATION REACTIONS
STOM RECOMBINATION ON SURFACES.
AD-630 339 7D T 66 09 HC$ 2.00 MF$ 0.50

ATOMS, SCATTERING
THE SUDDEN APPROXIMATION APPLIED TO MOLECULAR PROBLEMS. I. NON-REACTIVE COLLISIONS,
N66-15072 20H U 41 10 HC$ 2.00 MF$ 0.50

ATTENTION, AUDITORY ACUITY
VIGILANCE FOR AUDITORY INTENSITY CHANGES AS A FUNCTION OF PRELIMINARY FEEDBACK AND CONFIDENCE LEVEL,
AD-630 024 5J T 66 09

ATTENUATORS, CALIBRATION
VHF ATTENUATORS 355A, 355C (HEWLETT-PACKARD).
PB-169 393 9A U 41 10 HC$ 1.10 MF$ 0.50

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MANUAL ATTITUDE CONTROL SYSTEMS, VOLUME II - DISPLAY FORMAT CONSIDERATIONS,
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ATTITUDES, AVIATION PERSONNEL
THE SIGNIFICANCE OF ATTITUDES TOWARD PEERS IN DISCRIMINATION BETWEEN NAVAL AVIATION CADETS OF 'HIGH' AND 'LOW' MOTIVATION.
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ATTITUDES, CULTURE
SOME REACTIONS OF JAPANESE UNIVERSITY STUDENTS TO PERSUASIVE COMMUNICATIONS,
AD-630 177 5J T 66 09

ATTITUDES, MILITARY PERSONNEL
THE MORALE FACTOR AND ITS ROLE IN A MODERN WAR,
AD-629 859 5J T 66 09 HC$ 1.60 MF$ 0.50

FOOD ATTITUDES IN AN UNUSUAL ENVIRONMENT.
PB-169 438 6H U 41 10 HC$ 2.60

AUDIOFREQUENCY, COMPARATORS
THE DEVELOPMENT AND PERFORMANCE OF CURRENT COMPARATORS FOR AUDIO FREQUENCIES,
AD-629 950 9E T 66 09

AUDIOMETRY, MILITARY MEDICINE
THE INTERPRETATION OF AUDIOMETRIC FINDINGS WITHIN A HEARING CONSERVATION PROGRAM,
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THE METHOD OF 'SINGLE DESCENT' IN GROUP AUDIOMETRY.
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VIGILANCE FOR AUDITORY INTENSITY CHANGES AS A FUNCTION OF PRELIMINARY FEEDBACK AND CONFIDENCE LEVEL,
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AUDITORY PERCEPTION, REFLEXES
A STUDY OF THE ACOUSTIC REFLEX IN INFRANTRYMEN,
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STUDIES OF AUDITORY INFORMATION PROCESSING EMPHASIZING THE APPLICATION OF SIGNAL DETECTABILITY THEORY TO THE AUDITORY SENSORY RESPONSES.
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DIFFUSION OF LOW ENERGY AURORAL ELECTRONS IN THE ATMOSPHERE,
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APPLICATION OF ELECTRO-OPTICS TO AURORAL STUDIES. PHASE II.
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CAST AUSTENITIC NON-NICKEL STEEL,
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AUSTRALIA, MARINE GEOLOGY
DISTRIBUTION OF DETRITAL MINERALS IN RECENT CARBONATE SEDIMENTS FROM THE SAHUL SHELF, NORTHERN AUSTRALIA,
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AUSTRALIA, PLANTS(BOTANY)
GEOGRAPHIC RECONNAISSANCE OF WESTERN AUSTRALIAN SEASHORE VEGETATION.
AD-630 027 8F T 66 09

AUTOMATA, ALGEBRAS
FURTHER RESULTS ON SUBDIRECTLY IRREDUCIBLE UNARY ALGEBRAS,
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ON SOME CATEGORICAL ALGEBRA ASPECTS OF AUTOMATA THEORY: THE CATEGORICAL PROPERTIES OF TRANSITION SYSTEMS.
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AUTOMATA, THEORY
COMMUNICATION WITH AUTOMATA.
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THE EFFECTS OF GANGLIONIC AND ADRENERGIC BLOCKADE ON THE CIRCULATION OF THE YOUNG CHIMPANZEE.
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AUTONOMIC NERVOUS SYSTEM, CHIMPANZEES
THE EFFECTS OF GANGLIONIC AND ADRENERGIC BLOCKADE ON THE CIRCULATION OF THE YOUNG CHIMPANZEE.
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THE PREDICTED FISSION PRODUCT DECAY OF SNAPSHOT I,
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AVALANCHES, CLAY
QUICK CLAY MOVEMENTS, ANCHORAGE, ALASKA.
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DETERMINATION OF LOCATION FOR HIGH VISIBILITY AREAS ON EJECTION SEATS,
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AVIATION PERSONNEL, ANTHROPOMETRY
COCKPIT DESIGN STUDIES; STANDARD COCKPIT MOCKUP: COMPONENTS OF VARIANCE IN ANTHROPOMETRY,
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RAPID GELLING OF AIRCRAFT FUEL.
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STUDIES OF AIRCRAFT ACCIDENTS INVOLVING OFFICER TRAINEES IN THE BASIC TRAINING COMMAND FOR FISCAL 1951. PART II. A COMPARISON OF THE ACCIDENT RATE OF STUDENT OFFICER TRAINEES WHO COMMUTE FROM PENSACOLA TO WHITING FIELD AND OFFICERS RESIDING IN THE WHITING FIELD AREA.
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DETONABILITY OF COMBUSTIBLE MIXTURES,
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EVALUATION OF PEAK VS. RMS ACCELERATION IN PERIODIC LOW FREQUENCY VIBRATION EXPOSURES,
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AVIATION PERSONNEL, SELECTION
DEVELOPMENT OF AN INTERMEDIATE CRITERION OF SUCCESS IN NAVAL AIR TRAINING.
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SUPERSONIC STEADY AND UNSTEADY FLOWS OVER SLENDER AXISYMMETRIC BODIES WITH CONTINUOUS OR DISCONTINUOUT SURFACE SLOPES, PART I,
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THROUGH-FLOW SOLUTION FOR AXIAL-FLOW TURBOMACHINE BLADE ROWS,
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AXIAL-FLOW TURBINES, PERFORMANCE(EN GINEERING)
LOSSES IN STAGE OF AXIAL TURBINE AT SPEEDS OF APPROACHING IN THE VICINITY OF THE SPEED OF SOUND,
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POLAR VIDEO GATING OF RADAR AND IFF DISPLAYS USING CARTESIAN CONTROL.
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BACILLUS ANTHRACIS, INFECTIONS
CRICETUS AURATUS W. 1939 AS AN EXPERIMENTAL MODEL IN ANTHRAX,
AD-630 737 6M T 66 10 HC$ 1.10 MF$ 0.50

BACILLUS ANTHRACIS, USSR
SOME DATA ON ANTHRAX IN KRASNOYARSKIY KRAY,
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REACTOGENICITY AND EFFECTIVENESS OF AEROGENIC VACCINATION AGAINST CERTAIN ZOONOSES,
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SEARCH FOR EFFECTIVE VACCINES AGAINST CERTAIN ZOONOZES. COMMUNICATION I. PREPARATIONS OF ANTHRAX CHEMICAL VACCINE AND THE STUDY OF ITS EFFICACY IN EXPERIMENTAL ANIMALS,
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THE BACTERIOLOGY OF CLEAN ROOMS.
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IMMUNOFLUORESCENCE, AN ANNOTATED BIBLIOGRAPHY. I. BACTERIAL STUDIES,
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PHOTOSYNTHETIC HALOPHILES FROM OWENS LAKE.
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BACTERIA, SPACE BIOLOGY
LIFE IN EXTRATERRESTRIAL ENVIRONMENTS.
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RECOMBINATION OF A POOL OF DNA FRAGMENTS WITH COMPLEMENTARY SINGLE-CHAIN ENDS.
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BACTERIOPHAGES, GROWTH
EFFECT OF HYDROXYUREA ON VIRUS DEVELOPMENT. I. ELECTRON MICROSCOPIC STUDY OF THE EFFECT ON THE DEVELOPMENT OF BACTERIOPHAGE T4,
AD-629 998 M T 66 09

BACTERIOPHAGES, PHYSICAL PROPERTIES
CHARACTERIZATION OF A THERMOPHILIC BACTERIO- PHAGE FOR BACILLUS STEAROTHERMOPHILUS,
AD-629 965 C 6M,T 66 09

BALLAST TANKS, DESIGN
SUBMARINE MAIN BALLAST TANKS - THEORY AND METHODS FOR REFINED STRUCTURAL DESIGN,
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FREE BALLOONS WITH OFF-DESIGN PAYLOADS,
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SHAPE AND STRESS ANALYSIS OF ROTATIONALLY SYMMETRIC BALLOONS.
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BAND SPECTRUM, INTENSITY
FRANCK-CONDON FACTORS FOR OBSERVED TRANSITIONS IN N2 ABOVE 6 EV,
AD-630 717 7D T 66 10

PRESSURE-BROADENED WING CONTRIBUTIONS TO THE NO FUNDAMENTAL BAND INTENSITY.
AD-631 092 7D T 66 10

BAND THEORY OF SOLIDS, GERMANIUM
OBSERVATION OF EXPONENTIAL BAND EDGES IN DEGENERATE N-TYPE GERMANIUM.
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BAND THEORY OF SOLIDS, HALL EFFECT
HALL COEFFICIENT OF HUBBARD'S MODEL.
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BAND THEORY OF SOLIDS, MATRIX ALGEBRA
CRYSTAL-FIELD AND SPIN-ORBIT MATRIX ELEMENTS FOR TRANSITION METAL IONS WITH CUBIC SYMMETRY,
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BAND-PASS FILTERS, CALIBRATION
C# FILTER AIRTRON 407655.
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APPLICATIONS AND DEVELOPMENT OF POLARIZATION (REMODE) FILTERS.
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INVESTIGATION OF MICROWAVE DIELECTRIC-RESONATOR FILTERS.
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MELTING POINT AND GROWTH OF BARIUM TELLURIDE SINGLE CRYSTALS,
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BARIUM, MASS SPECTRUM
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AD-630 571 18B T 66 10

BAROMETRIC PRESSURE, CLIMATOLOGY
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AD-630 296 4B T 66 09 HC$ 1.10 MF$ 0.50

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DYNAMICAL BASIS FOR ETA-BARYON INTERACTIONS,
AD-630 378 20H T 66 09

BARYONS, INVARIANCE
EXPERIMENTAL IMPLICATIONS OF THE PRODUCT OF U(6) AND U(6)-INVARIANCE FOR BARYONS,
AD-630 507 20J T 66 09

BARYONS, MATHEMATICAL MODELS
MASS FORMULAS AND BARYON STATES IN SU(6) SYMMETRY,
AD-630 212 20J T 66 09

POSSIBLE NEW BARYON STATES OF SU(6) SYMMETRY,
AD-630 442 20J T 66 09

BARYONS, NUCLEAR SHELL MODELS
SHELL MODEL OF BARYONS,
AD-630 367 20J T 66 09

BARYONS, RESONANCE
POSSIBLE THEORETICAL INTERPRETATIONS OF THE T=2 PI-SIGMA RESONANCE,
AD-630 517 20J T 66 09

BARYONS, SCATTERING
MESON-BARYON SCATTERING IN THE INTRINSICALLY BROKEN M(12) SYMMETRY SCHEME,
AD-630 510 20J T 66 09

BASE PRESSURE, HYPERSONIC FLOW
BASE PRESSURE MEASUREMENTS ON SHARP AND BLUNT 9 DEGREE CONES AT MACH NUMBERS FROM 3.50 TO 9.20.
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INVESTIGATIONS LEADING TO THE DESIGN AND DEVELOPMENT OF MAGNESIUM/MAGNESIUM PERCHLORATE BATTERIES.
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RESEARCH ON AMMONIA BATTERY SYSTEM.
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DEVELOPMENT AND PROTOTYPE PRODUCTION OF FLEXIBLE THIN FILM BATTERIES.
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HIGH ENERGY SYSTEM (ORGANIC ELECTROLYTE).
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BEACHES, MARINE GEOLOGY
THE EXPLANATORY DESCRIPTION OF COASTS.
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A PROGRAM TO ANALYZE CURVED GIRDER BRIDGES,
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EFFECTS OF IMPULSIVE LOADS ON FIBER-REINFORCED CONCRETE BEAMS.
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MOVING LOAD ON A FLEXIBLY SUPPORTED TIMOSHENKO BEAM,
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BEEF, OREGON
BEEF CATTLE FEEDLOTS IN OREGON: A FEASIBILITY STUDY.
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RACE AND BELIEF AS DETERMINANTS OF BEHAVIORAL INTENTIONS,
AD-630 021 5J T 66 09

BEHAVIOR, SOCIAL PSYCHOLOGY
THE CONTAGION OF AGGRESSION.
AD-630 842 5J T 66 10

BELLOWS, SEALS(STOPPERS)
DYNAMIC INSTABILITY OF UNDAMPED BELLOWS FACE SEALS IN CRYOGENIC LIQUID,
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BENZENE, MOLECULAR ENERGY LEVELS
EXCITED ELECTRONIC STATES OF CRYSTALLINE BENZENE,
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BERYLLIUM ALLOYS, TENSILE PROPERTIES
EFFECT OF COLD REDUCTION AND THERMAL TREATMENT ON TENSILE PROPERTIES OF A NICKEL-2 PERCENT BERYLLIUM ALLOY AT CRYOGENIC TEMPERATURES,
N66-14757 11F U 41 09 HC$ 1.00 MF$ 0.50

BERYLLIUM COMPOUNDS, ELECTROMAGNETIC PROPERTIES
SOME FERROELECTRIC AND DIELECTRIC PROPERTIES OF TRIGLYCINE FLUOBERYLLATE.
AD-631 010 20L T 66 10

BERYLLIUM COMPOUNDS, HEAT OF FORMATION
HEATS OF FORMATION OF COMPOUNDS CONTAINING B, BE, AL AND LI. I. HEATS OF FORMATION OF ALPHA'-BERYLLIUM CHLORIDE AND ALPHA- AND BETA-BERYLLIUM NITRIDE,
AD-630 633 7D T 66 10 HC$ 1.00 MF$ 0.50

BERYLLIUM, AEROSPACE CRAFT
BERYLLIUM FABRICATION METHODS DEVELOPMENT PROGRAM. METAL REMOVAL.
N66-13100 13H U 41 09 HC$ 4.00 MF$ 1.00

BERYLLIUM, ALPHA BOMBARDMENT
ELASTIC SCATTERING OF 4-20 MEV ALPHA PARTICLES BY BE9,
AD-630 512 20H T 66 09

BERYLLIUM, DEFORMATION
SURVEY OF CURRENT KNOWLEDGE OF THE DEFORMATION CHARACTERISTICS OF BERYLLIUM, THE REFRACTORY METALS, AND THE SUPERALLOYS.
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BERYLLIUM, RADIOACTIVE DECAY
ELECTROMAGNETIC DECAY OF THE 1.7- AND 2.43-MEV LEVELS IN 9BE,
AD-630 436 18H T 66 09

BERYLLIUM, TEST METHODS
EVALUATION TEST METHODS FOR BERYLLIUM.
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BERYLLIUM, WIRE
FABRICATION OF BERYLLIUM FINE WIRE.
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BETA DECAY, STARS
PHOTON-INDUCED BETA DECAY IN STELLAR INTERIORS,
AD-630 449 3B T 66 09

BETA DECAY, THEORY
KE3 DECAY AND UNIVERSALITY IN CABIBBO'S THEORY OF LEPTONIC DECAYS,
AD-630 320 20H T 66 09

BIBLIO GRAPHIES, TITANIUM ALLOYS
TITANIUM ALLOYS.
OTR-136 11F U 41 10

BIBLIOGRAPHIES, COMPUTATIONAL LINGUISTICS
COMPUTATIONAL LINGUISTICS: BIBLIOGRAPHY, 1965,
AD-630 985 5B T 66 10 HC$ 3.00 MF$ 0.75

BIBLIOGRAPHIES, COUNTERINSURGENCY
BIBLIOGRAPHY ON COUNTERINSURGENCY, UNCONVENTIONAL WARFARE, AND PSYCHOLOGICAL OPERATIONS: SUPPLEMENT NO. 8,
AD-630 774 15G T 66 10 HC$ 9.60 MF$ 0.75

BIBLIOGRAPHIES, NUCLEAR ENERGY
BIBLIOGRAPHIES OF INTEREST TO THE ATOMIC ENERGY PROGRAM,
TID-3043(REV. 2, SUPPL. 3) 18I U 41 09 HC$ 2.00 MF$ 0.75

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BIBLIOGRAPHIC COUPLING EXTENDED IN TIME: TEN CASE HISTORIES,
AD-286 253 5B U 41 10 HC$ 3.60

BIBLIOGRAPHIES, REPORTS
LISTING OF SPECIAL PUBLICATIONS AND TECH BRIEFS.
N66-13013 5B U 41 09 HC$ 1.00 MF$ 0.50

BIBLIOGRAPHIES, ZODIACAL LIGHT
ZODIACAL LIGHT.
N66-15052 3A U 41 10 HC$ 1.00 MF$ 0.50

BINARY ARITHMETIC, COMPUTER LOGIC
AN ADAPTIVE NETWORK FOR PRODUCING REAL FUNCTIONS OF BINARY INPUTS,
AD-629 836 9B T 66 09

BINDERS, CERAMIC MATERIALS
EVALUATION OF BINDERS FOR MACHINABLE UNFIRED CERAMICS,
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INVESTIGATION OF THE PHYSICAL-CHEMICAL NATURE OF THE MATRIX-REINFORCEMENT INTERFACE.
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CBE FACTORS: MONTHLY SURVEY NO. 3.
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RULES FOR THE BEHAVIOR OF THE POPULATION IN CONTAMINATED AREAS,
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RESEARCH IN ADVANCED CONCEPTS IN BIOTECHNOLOGY, HUMAN ANALOGS, AND BIONICS.
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SOME COMMENTS ON RE-ESTABLISHABILITY,
AD-629 854 6C T 66 09

BIOSYNTHESIS, REACTION KINETICS
KINETICS OF PROTEIN SYNTHESIS BY POLYRIBOSOMES,
AD-629 848 6A T 66 09

BIRDS, MARSHALL ISLANDS
ATOLL RESEARCH BULLETIN. NO. 114, NORTHERN MARSHALL ISLANDS LAND BIOTA: BIRDS. NO. 115. MARINE BENTHIC ALGAE FROM THE LEEWARD HAWAIIAN GROUP. NO. 116. REEF STUDIES AT ADDU ATOLL, MALDIVE ISLANDS. NO. 117. ATOLL NEWS AND COMMENT,
AD-630 789 8F T 66 10 HC$ 6.00 MF$ 1.25

BISMUTH ALLOYS, THALLIUM ALLOYS
RELATIONSHIP BETWEEN EMBRITTLEMENT BEHAVIOR AND INTERFACIAL ENERGIES FOR COPPER WETTED WITH BINARY BISMUTH-THALLIUM LIQUID METAL ALLOYS AT 650 F,
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LIQUID METAL EMBRITTLEMENT.
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NUCLEAR BLAST EFFECTS ON A METROPOLITAN ECONOMY,
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STUDIES IN RED CELL PRESERVATION.
AD-465 913 6A U 41 09 HC$ 3.00 MF$ 0.75

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EMPLOYMENT OF CROSS CIRCULATION AND MULTIPLE HEAT EXCHANGERS TO INDUCE DEEP HYPOTHERMIA: ITS USE IN THE STUDY OF CENTRAL NERVOUS SYSTEM CHANGES.
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BLOOD CIRCULATION, MEASUREMENT
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BLOOD COAGULATION, RH INCOMPATIBILITY
ON THE VALENCY OF INCOMPLETE ANTI-RH ANTIBODIES,
AD-630 178 6E T 66 09

BLOOD DISORDERS, TAIWAN
ABNORMAL HEMOGLOBIN CHARACTERISTICS OF TAIWAN ABORIGINES.
AD-630 892 6E T 66 10

BLOOD PRESSURE, RECORDING SYSTEMS
APPARATUS FOR AUTOMATIC RECORDING OF THE ARTERIAL BLOOD PRESSURE,
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BLOOD VESSELS, MECHANICAL PROPERTIES
MECHANICAL PROPERTIES OF VASCULAR TISSUE,
AD-630 056 6C T 66 09

BLOOD, COOLING
PRECOOLING OF PERIPHERAL ARTERIAL BLOOD IN COLD- AND WARM-ADAPTED RABBITS.
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THERMAL AND ELECTRICAL CONDUCTIVITIES OF BIOLOGICAL FLUIDS AND TISSUES.
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THE USE OF RATIONAL APPROXIMATIONS IN THE DIRECT CALCULATION OF SUPERSONIC FLOW PAST A BLUNT BODY OF REVOLUTION,
AD-630 244 20D T 66 09 HC$ 4.60 MF$ 0.50

BODIES OF REVOLUTION, ELASTICITY
ON SAINT-VENANT'S PRINCIPLE AND THE TORSION OF SOLIDS OF REVOLUTION.
AD-630 291 20K T 66 09 HC$ 3.60 MF$ 0.50

BODIES OF REVOLUTION, PRESSURE
AN ENGINEERING METHOD FOR RAPID CALCULATION OF SUPERSONIC-HYPERSONIC PRESSURE DISTRIBUTIONS ON LIFTING AND NON-LIFTING POINTED BODIES OF REVOLUTION AND SEVERAL SPECIAL CASES OF BLUNT-NOSED BODIES OF REVOLUTION.
AD-630 342 20D T 66 09 HC$ 3.00 MF$ 0.75

BODY FLUIDS, ELECTRICAL CONDUCTANCE
THERMAL AND ELECTRICAL CONDUCTIVITIES OF BIOLOGICAL FLUIDS AND TISSUES.
AD-630 303 6P T 66 09 HC$ 1.60 MF$ 0.50

BODY FLUIDS, THERMAL CONDUCTIVITY
THERMAL AND ELECTRICAL CONDUCTIVITIES OF BIOLOGICAL FLUIDS AND TISSUES.
AD-630 712 6P T 66 10 HC$ 2.00 MF$ 0.50

BODY TEMPERATURE, BEHAVIOR
PERFORMANCE OF SMALL MAMMALS AT LOW BODY TEMPERATURES.
AD-630 707 6C T 66 10 HC$ 2.00 MF$ 0.50

BODY TEMPERATURE, CONTROL
PRECOOLING OF PERIPHERAL ARTERIAL BLOOD IN COLD- AND WARM-ADAPTED RABBITS.
AD-475 561 6P U 41 10 HC$ 1.00 MF$ 0.50

NEURONES AND TEMPERATURE REGULATION.
AD-630 462 6P T 66 09 HC$ 2.00 MF$ 0.50

BOILER TUBES, VIBRATION
COMPARISON OF FULL-SCALE AND MODEL BUFFET RESPONSE OF APOLLO BOILERPLATE SERVICE MODULE,
N66-14909 20K U 41 09 HC$ 1.00 MF$ 0.50

BOILER TUBES, COMPOSITE MATERIALS
METALLURGICAL STUDY AND NIOBIUM/TYPE 316 STAINLESS STEEL DUPLEX TUBING,
NAA-SR-11191 11F U 41 09 HC$ 2.00 MF$ 0.50

BOILING WATER REACTORS, HEAT TRANSFER
INVESTIGATION OF BURNOUT IN THE CASE OF BOILING WATER.
EURAEC-1224 18I U 41 09 HC$ 1.00 MF$ 0.50

BOILING WATER REACTORS, STABILITY
HYDRODYNAMIC INSTABILITY LIMITING THE POWER OF BOILING WATER REACTORS.
EURAEC-1230 18L U 41 09 HC$ 2.00 MF$ 0.50

BOMBS, PARACHUTES
DEVELOPMENT OF M117 BOMB PARACHUTE RETARDATION DEPLOYMENT SYSTEM.
AD-630 242 19B T 66 09 HC$ 3.60 MF$ 0.50

BONDING, CERAMIC FIBERS
INVESTIGATION OF BONDING IN OXIDE-FIBER (WHISKER) REINFORCED METALS.
AD-406 832 13H U 41 10 HC$ 2.60

BONDING, CHEMICAL PROPERTIES
CERTAIN FACTORS DETERMINING THE FORMATION OF CHEMICAL BONDS ON THE BORDER OF ADHESIVE COMPOUND AND SUBSTRATE,
AD-630 744 11A T 66 10 HC$ 1.00 MF$ 0.50

BONDING, COMPOSITE MATERIALS
INVESTIGATION OF BONDING IN OXIDE-FIBER (WHISKER) REINFORCED METALS.
AD-630 359 F11D,T 66 09 HC$ 3.00 MF$ 0.75

BONDING, MICROMINIATURIZATION(ELECTRONICS)
MICROBONDS FOR HYBRID MICROCIRCUITS.
AD-630 948 9A T 66 10 HC$ 6.00 MF$ 1.25

BONDING, PLASTICS
WELDING OF TEFLON AND OTHER ORGANIC MATERIALS,
AD-630 847 11I T 66 10 HC$ 1.00 MF$ 0.50

BONDING, RADIATION DAMAGE
GRAFT POLYMERIZATION OF AN ORGANOSILOXANE COATING ON LEATHER BY IONIZING RADIATION.
PATENT 3,236, 923 13H U 41 10

GRAFT POLYMERIZATION ON A PAPER BASE BY IONIZING RADIATION.
PATENT 3,236,584 13H U 41 10

BONE, RADIATION EFFECTS
AGE AND DOSE DEPENDENCE OF BONE GROWTH RETARDATION INDUCED BY X IRRADIATION,
AD-468 979 6R U 41 10 HC$ 2.00 MF$ 0.50

BONE, STRONTIUM
DETERMINATION OF 90SR AND STABLE STRONTIUM IN BONES FROM SHEEP EWES AND THEIR FETUSES,
AD-630 185 6R T 66 09

BONE, X RAYS
A CRITICAL CONSIDERATION OF ROENTGENOLOGY AND MICROSCOPY IN PALAEOPATHOLOGY,
AD-630 967 6E T 66 10

BOROHYDRIDES, CHEMICAL REACTIONS
BOROXINE. A NEW ROUTE TO BORANE CARBONYL,
AD-630 075 7B T 66 09

BORON COMPOUNDS, CHEMICAL ANALYSIS
ALKALI METAL BOROHYDRIDE AND BORON HALIDE DETERMINATION PROCESS.
PATENT 3,234,562 7B U 41 10

BORON COMPOUNDS, COMPLEX COMPOUNDS
THE PREPARATION AND PROPERTIES OF SOME TETRACOORDINATE BORON COMPOUNDS. THE PSEUDO-METAL ION CONCEPT,
AD-630 721 7B T 66 10

BORON COMPOUNDS, SYNTHESIS(CHEMISTRY)
BOROXINE. A NEW ROUTE TO BORANE CARBONYL,
AD-630 075 7B T 66 09

PRESSURE SYNTHESIS OF BORON PHOSPHIDE AND BORON ARSENIDE.
AD-631 093 7B T 66 10

BORON, CHEMICAL ANALYSIS
THE DETERMINATION OF BORON IN REFRACTORY BORIDES BY PYROHYDROLYSIS,
AD-463 034 11B U 41 10 HC$ 1.00

BOSONS, FIELD THEORY
EXACT SOLUTION OF A MANY-FERMION SYSTEM AND ITS ASSOCIATED BOSON FIELD,
AD-630 221 20J T 66 09

SPONTANEOUS SYMMETRY BREAKDOWN IN A NONLINEAR BOSON FIELD: A MODEL FOR C VIOLATION,
AD-630 399 20J T 66 09

BOVINES, BEEF
BEEF CATTLE FEEDLOTS IN OREGON: A FEASIBILITY STUDY.
PB-169 706 2E U 41 10 HC$ 2.00 MF$ 0.50

BOUNDARY LAYER TRANSITION, AERODYNAMIC CONFIGURATIONS
INTERFERENCE HEATING ON A SWEPT CYLINDER IN REGION OF INTERSECTION WITH A WEDGE AT MACH NUMBER 8.
N66-12152 20D U 41 09 HC$ 2.00 MF$ 0.50

BOUNDARY LAYER TRANSITION, TRANSONIC FLOW
STUDY OF THE TRANSITION OF A TURBULENT BOUNDARY LAYER INTO A LAMINAR ONE,
AD-630 868 20D T 66 10 HC$ 1.60 MF$ 0.50

BOUNDARY LAYER, STABILITY
EXPERIMENTAL INVESTIGATION OF STABILITY BOUNDARIES FOR PLANAR AND NONPLANAR SLOSH- ING IN SPHERICAL TANKS,
N66-14761 20D U 41 09 HC$ 1.00 MF$ 0.50

BOUNDARY LAYER, FLAT PLATE MODELS
EXPERIMENTAL RESEARCH ON THE EFFECT OF PRESSURE GRADIENT AND FREE STREAM TURBULENCE ON THE BOUNDARY LAYER OF A FLAT ROUGH PLATE.
AD-630 799 20D T 66 10 HC$ 2.00 MF$ 0.50

BOUNDARY LAYER, HEAT TRANSFER
POSSIBLE OCCURRENCE OF BOUNDARY SHOCK WAVES,
N66-14390 20D U 41 09 HC$ 3.00 MF$ 0.50

BOUNDARY LAYER, JET MIXING FLOW
EFFECTS OF A MOMENTUM BUFFER REGION ON THE COAXIAL FLOW OF DISSIMILAR GASES.
N66-12156 20D U 41 09 HC$ 1.00 MF$ 0.50

BOUNDARY LAYER, MATHEMATICAL ANALYSIS
SATISFACTION OF ASYMPTOTIC BOUNDARY CONDITIONS IN THE NUMERICAL SOLUTION OF BOUNDARY-LAYER EQUATIONS,
N66-13397 20D U 41 10 HC$ 1.00 MF$ 0.50

BOUNDARY LAYER, PLASMA PHYSICS
EXPERIMENTAL AND THEORETICAL RESEARCH ON PLASMA SHEATHS AND BOUNDARY LAYERS AROUND STAGNATION POINT ELECTRODES.
N66-15067 20I U 41 10 HC$ 1.00 MF$ 0.50

BOUNDARY LAYER, STABILITY
THE STABILITY OF AN UNSTEADY KELVIN -HELMHOLTZ FLOW.
AD-631 136 20D T 66 10

BOUNDARY LAYER, TURBULENCE
ON THE EFFECT OF INITIAL TURBULENCE ON THE BOUNDARY AND THE LONG RANGE OF SUBMERGED STREAM,
AD-630 287 20D T 66 09 HC$ 1.10 MF$ 0.50

BOUNDARY VALUE PROBLEMS, INEQUALITIES
A PRIORI INEQUALITIES AND POINTWISE BOUNDS FOR SOLUTION OF CERTAIN ELLIPTIC AND PARABOLIC BOUNDARY VALUE PROBLEMS.
AD-630 335 12A T 66 09 HC$ 4.00 MF$ 0.75

BOUNDARY VALUE PROBLEMS, NUMERICAL ANALYSIS
SOME NUMERICAL ASPECTS OF UNSTABLE FOUNDARY-VALUE PROBLEMS,
AD-630 266 12A T 66 09 HC$ 1.00 MF$ 0.50

BOUNDARY VALUE PROBLEMS, NUMERICAL METHODS AND PROCEDURES
NUMERICAL ANALOGS TO THE SCHWARZ ALTERNATING PROCEDURE,
AD-630 897 12A T 66 10

BOUNDARY VALUE PROBLEMS, PARTIAL DIFFERENTIAL EQUATIONS
POINTWISE BOUNDS FOR SOLUTIONS OF THE SECOND INITIAL-BOUNDARY VALUE PROBLEM FOR PARABOLIC EQUATIONS.
AD-630 046 12A T 66 09 HC$ 2.60 MF$ 0.50

THE EXISTENCE OF A GLOBAL CLASSICAL SOLUTION OF THE INITIAL-BOUNDARY VALUE PROBLEM FOR A NON-LINEAR HYPERBOLIC EQUATION.
AD-630 528 12A T 66 10 HC$ 2.00 MF$ 0.50

BOUNDARY VALUE PROBLEMS, SUPERSONIC FLOW
TWO BOUNDARY VALUE PROBLEMS FROM THE THEORY OF HYPERBOLIC PARTIAL DIFFERENTIAL EQUATIONS WITH APPLICATIONS TO SUPERSONIC GAS FLOW,
AD-630 069 12A T 66 09 HC$ 2.60 MF$ 0.50

BOUNDARY VALUE PROBLEMS, TRANSPORT PROPERTIES
A NEW INITIAL VALUE METHOD FOR INTERNAL INTENSITIES IN RADIATIVE TRANSFER,
AD-630 121 12A T 66 09 HC$ 1.00 MF$ 0.50

BRAIN, BLOOD CIRCULATION
IMPEDANCE AS A MEASURE OF FLOW VELOCITY IN SALT SOLUTIONS,
AD-630 179 6P T 66 09

BRAIN, WEIGHTLESSNESS
MONITORING BRAIN FUNCTION AND PERFORMANCE IN THE PRIMATE UNDER PROLONGED WEIGHTLESSNESS.
N66-13089 6S U 41 09 HC$ 1.00 MF$ 0.50

BRASS, STRESS CORROSION
ON THE ROLE OF COMPLEX IONS IN THE SEASONCRACKING OF ALPHA-BRASS,
AD-630 060 11F T 66 09

BRAZING, SOLID STATE PHYSICS
INVESTIGATION OF BRAZING TECHNIQUES FOR FERRIMAGNETIC MATERIALS.
AD-630 700 13H T 66 10 HC$ 3.00 MF$ 0.75

BREAD, PREPARATION
THE USE OF SOY-BEAN AND PEA FLOUR IN THE FERMENT METHOD FOR IMPROVING THE WHEAT BREAD QUALITY,
AD-630 855 6H T 66 10 HC$ 1.60 MF$ 0.50

BRIDGES, ROADS
THE DEVELOPMENT OF ANALYTICAL PROCEDURES FOR DETERMINING ECONOMIC CROSSINGS BY STREAMS, PART I.
PB-169 511 13M U 41 10 HC$ 2.00 MF$ 0.50

MANUAL OF PRACTICE, THE DEVELOPMENT OF ANALYTICAL PROCEDURES FOR DETERMINING ECONOMIC CROSSINGS OF STREAMS, PART II.
PB-169 512 13M U 41 10 HC$ 3.00 MF$ 0.75

BRIDGES, STRUCTURAL PROPERTIES
A PROGRAM TO ANALYZE CURVED GIRDER BRIDGES,
PB-169 611 20K U 41 10 HC$ 5.60 MF$ 0.50

BRIGHTNESS, IMAGE INTENSIFIERS(ELECTRONICS
BRIGHTNESS INTENSIFIER STUDY.
AD-631 188 9A T 66 10 HC$ 5.60 MF$ 0.50

BROMINE COMPOUNDS, SYNTHESIS(CHEMISTRY)
3-BROMO- 3-METHYL- 1-BUTYNE, 1-BROMO -3-METHYL- 1,2-BUTADIENE, AND 1-BROMO -3-METHYL- 1,3-BUTADIENE,
AD-630 009 7C T 66 09

BROMINE, BIOCHEMISTRY
BROMINE IN THE ANIMAL ORGANISM AND THE MECHANISM OF ITS ACTION,
AD-630 973 6A T 66 10 HC$ 7.30 MF$ 2.00

BROMINE, BURNING RATE
CALCULATIONS OF BURNING VELOCITIES FOR HYDROGEN-BROMINE MIXTURES: I. MALLARD-LE CHATELIER EQUATION,
AD-630 831 21B T 66 10 HC$ 1.60 MF$ 0.50

CALCULATIONS OF BURNING VELOCITIES FOR HYDROGEN-BROMINE MIXTURES: II. SQUARE ROOT LAW (TANFORD AND PEASE),
AD-630 832 21B T 66 10 HC$ 2.60 MF$ 0.50

BROMINE, FLAMES
TEMPERATURE AND CONCENTRATION CHANGES IN THE REACTION OF HYDROGEN AND BROMINE IN VARIOUS GAS MIXTURES,
AD-630 829 21B T 66 10 HC$ 1.60 MF$ 0.50

RATE CONSTANTS FOR REACTIONS IN THE HYDROGEN-BROMINE SYSTEM,
AD-630 830 21B T 66 10 HC$ 1.60 MF$ 0.50

BROMINE, NUCLEAR MAGNETIC RESONANCE
HYPERFINE STRUCTURE AND OCTOPOLE INTERACTION IN STABLE BROMINE ISOTOPES,
AD-630 062 7D T 66 09

BRONZE, INTERNAL FRICTION
INTERNAL FRICTION STUDIES ON BELL METAL AND WOOD.
AD-630 798 20K T 66 10 HC$ 3.00 MF$ 0.50

BRONZE, SUPERCONDUCTIVITY
SUPERCONDUCTIVITY OF THE ALKALI TUNGSTEN BRONZES,
AD-629 828 20L T 66 09

BRUCELLA, VACCINES
SIMULTANEOUS VACCINATION BY THE EPICUTANEOUS METHOD AGAINST PLAGUE, BRUCELLOSIS AND TULAREMIA.
AD-630 734 6E T 66 10 HC$ 1.10 MF$ 0.50

REACTOGENICITY AND EFFECTIVENESS OF AEROGENIC VACCINATION AGAINST CERTAIN ZOONOSES,
AD-630 735 6E T 66 10 HC$ 1.10 MF$ 0.50

BUBBLES, FLUID DYNAMIC PROPERTIES
DYNAMICS OF GAS BUBBLES IN AN OSCILLATING PRESSURE FIELD.
N66-13604 20D U 41 09 HC$ 1.00 MF$ 0.50

BUBBLES, PHYSICAL PROPERTIES
ACOUSTIC DETERMINATION OF BUBBLE SIZE DISTRIBUTION.
AD-629 932 20A T 66 09 HC$ 1.00 MF$ 0.50

BUCKLING(MECHANICS), STRUCTURAL SHELLS
INELASTIC LOBAR BUCKLING OF CYLINDRICAL SHELLS UNDER EXTERNAL HYDROSTATIC PRESSURE.
AD-491 094 20K U 41 10 HC$ 3.60

ON THE BUCKLING OF UNSTIFFENED ORTHOTROPIC AND STIFFENED CONICAL SHELLS (1,2),
AD-631 100 20K T 66 10

BUDGETS, CONTROL
SEARCH-THEORETIC MODELS OF ORGANIZATION CONTROL BY BUDGETED MULTIPLE GOALS.
AD-630 097 5A T 66 09

BUOYS, POWER SUPPLIES
100 WATT THERMOELECTRIC POWER SYSTEM FOR BUOY APPLICATIONS.
AD-630 171 10B T 66 09 HC$ 1.10 MF$ 0.50

BURNS, CONTAMINATION
HOSPITAL ISOLATION SYSTEM FOR PREVENTING CROSS-CONTAMINATION BY STAPHYLOCOCCAL AND PSEUDONONAS ORGANISMS IN BURN WOUNDS,
AD-630 963 6L T 66 10

BURNS, NUCLEAR WARFARE CASUALTIES
THE MEDICAL BURDEN FROM SKIN BURNS AT NAGASAKI: A REAPPRAISAL.
AD-630 292 15F T 66 09 HC$ 2.60 MF$ 0.50

BUTADIENES, COMPLEX COMPOUNDS
CARBON-13 MAGNETIC RESONANCE OF DIENE-IRON TRICARBONYL COMPLEXES.
AD-630 078 7D T 66 09 HC$ 1.60 MF$ 0.50

BUTADIENES, DECOMPOSITION
REACTIONS OF ACTIVE NITROGEN WITH ORGANIC SUBSTRATES. III. THE DEGRADATIVE PRODUCTS OF THE REACTION WITH 1,3-BUTADIENE,
AD-631 107 7C T 66 10

BUTADINES, SYNTHESIS(CHEMISTRY)
3-BROMO- 3-METHYL- 1-BUTYNE, 1-BROMO -3-METHYL- 1,2-BUTADIENE, AND 1-BROMO -3-METHYL- 1,3-BUTADIENE,
AD-630 009 7C T 66 09

BUTANOLS, DIET
DISTRIBUTION OF LIPIDS IN RATS FED 1,3-BUTANEDIOL,
AD-630 388 6A T 66 09

CADMIUM COMPOUNDS, SULFIDES
IMPURITY CONDUCTIVITY IN SINGLE CRYSTAL CDS,
AD-630 491 20L T 66 09

STUDY OF SURFACE PROPERTIES OF ATOMICALLY-CLEAN METALS AND SEMICONDUCTORS. PART I. STUDY OF CDS SURFACES BY LEED. PART II. COMBINED LEED AND MASS SPECTROMETER MEASUREMENTS FOR ADSORPTION AND CATALYSIS.
AD-630 863 20L T 66 10 HC$ 4.60 MF$ 0.50

CALCIUM, ELECTRON BOMBARDMENT
ISOTOPE EFFECT IN CA40, CA44, AND CA48 CHARGE DISTRIBUTIONS FROM 250 MEV ELECTRON SCATTERING.
AD-631 184 20H T 66 10 HC$ 1.60 MF$ 0.50

CALCIUM, EXCRETION
EFFECT OF EXERCISE, STANDING, NEGATIVE TRUNK AND POSITIVE SKELETAL PRESSURE ON BED REST-INDUCED ORTHOSTATIS AND HYPERCALCIURIA.
AD-630 921 6P T 66 10 HC$ 2.00 MF$ 0.50

CALCIUM, QUANTIATIVE ANALYSIS
METHOD FOR DETERMINATION OF CALCIUM IN SERUM, PAROTID FLUID AND URINE IN THE WEIGHTLESS STATE.
AD-630 476 6S T 66 09

CALIBRATION, ELECTROACOUSTIC TRANSDUCERS
RECIPROCITY CALIBRATION IN A TUBE WITH ACTIVE-IMPEDANCE TERMINATION.
AD-630 351 20A T 66 09

CALIBRATION, SONAR EQUIPMENT
SONAR TRANSDUCER CALIBRATION IN A HIGHPRESSURE TUBE.
AD-630 352 20A T 66 09

CALIBRATION, TRIGGER CIRCUITS
SOLID STATE STEPPING SWITCH.
PATENT 3,237,029 9A U 41 10

CALORIMETERS, PORTABLE
PHOTON, NEUTRON AND CHARGED PARTICLE ABSORBED DOSE MEASUREMENTS WITH A PORTABLE MICROCALORIMETER.
AD-630 693 10D T 66 10 HC$ 2.60 MF$ 0.50

CALORIMETERS, WAVEGUIDES
IN-LINE WAVEGUIDE CALORIMETER WATTMETER USING SPACED HEAT SINKS AND TEMPERATURE MEASURING MEANS THERE-BETWEEN.
PATENT 3,229,206 9C U 41 10

CALORIMETRY, SPINELS
HIGH-TEMPERATURE CALORIMETRY IN LIQUID OXIDE SYSTEMS. III. THE ENTHALPY OF FORMATION OF MAGNESIUM-ALUMINUM SPINEL,
AD-630 002 7D T 66 09

CAMERA SHUTTERS, HIGH-SPEED PHOTOGRAPHY
LARGE APERTURE ANISOTROPIC ELECTRO-OPTIC SHUTTER.
PATENT 3,228,290 14E U 41 10

CAMERA TUBES, INFRARED IMAGE TUBES
A NEW CAMERA TUBE, THE INFRACON,
AD-630 687 17B T 66 10 HC$ 1.00 MF$ 0.50

CAMOUFLAGE, DYES
SYNTHESIS OF CHROMOTROPIC COLORANTS.
AD-630 908 11C T 66 10 HC$ 4.00 MF$ 0.75

CANADA, CLIMATOLOGY
MEAN SEA LEVEL PRESSURE NORMALS.
AD-630 296 4B T 66 09 HC$ 1.10 MF$ 0.50

CANADA, METEOROLOGICAL PARAMETERS
CANADIAN UPPER AIR DATA.
AD-630 356 4B T 66 09

CANCER, CELLS(BIOLOGY)
RNA SYNTHESIS IN CHROMATIN AND IN THE NUCLEOLUS OF HELA-S3 HUMAN CANCER CELLS IN CULTURE,
BNL-7767 6A U 41 09 HC$ 2.00 MF$ 0.50

CANDIDA, AMINO ACIDS
THE INTRACELLULAR AMINO ACID POOL OF CANDIDA UTILIS DURING GROWTH IN AND CONTINUOUS FLOW CULTURES,
AD-629 755 6A T 66 09

CANDIDA, GROWTH
CONTINUOUS PHASED GROWTH, WITH A MODIFIED CHEMOSTAT,
AD-629 771 6M T 66 09

CAPACITORS, RELIABILITY(ELECTRONICS)
PRODUCTION ENGINEERING MEASURE FOR MECHANIZATION OF HIGH-RELIABILITY CAPACITORS.
AD-630 437 9A T 66 09 HC$ 1.00 MF$ 0.50

CARBIDES, THERMODYNAMICS
HEAT CAPACITY AND ENTHALPY MEASUREMENTS ON ALUMINUM CARBIDE (AL4C3) FROM 15 TO 1173K. THERMODYNAMIC PROPERTIES FROM 0 TO 2000K,
AD-630 980 11B T 66 10

CARBON COMPOUNDS, POLYMERS
POLYMERIC SULFUR-, PHOSPHORUS-, CARBON NITROGEN - COMPOUNDS.
AD-629 761 7B T 66 09 HC$ 6.60 MF$ 0.75

CARBON COMPOUNDS, TENSILE PROPERTIES
TENSILE AND STRUCTURAL PROPERTIES OF GLASSY CARBON,
N66-13554 11B U 41 09 HC$ 1.00 MF$ 0.50

CARBON DIOXIDE, RESPIRATION
EFFECT OF CO2 AND WHOLE-BODY VIBRATION ON VENTILATION,
AD-630 579 6S T 66 10

CARBON DIOXIDE, SOLUBILITY
SOLUBILITY OF CARBON DIOXIDE IN THE AMMONIUM CITRATE SOLUTION OF THE APAC PROCESS,
WAPD-TM-311 7C U 41 09 HC$ 1.00 MF$ 0.50

CARBON DIOXIDE, THERMODYNAMICS
A SURVEY OF THERMODYNAMIC PROPERTIES OF THE COMPOUNDS OF THE ELEMENTS.
N66-13373 7D U 41 10 HC$ 2.00 MF$ 0.50

CARBON MONOXIDE, CHEMILUMINESCENCE
UPPER LIMITS FOR CHEMILUMINESCENCE FROM SINGLE COLLISIONS OF O3 WITH NO, CO, H2S, AND CS2,
AD-630 017 7D T 66 09 HC$ 2.00 MF$ 0.50

CARBONATES, IMPURITIES
DETERMINATION OF CARBONATE CARBON IN SODIUM METAL,
APDA-166 18J U 41 09 HC$ 2.00 MF$ 0.50

CARBON, NUCLEAR REACTIONS
ANGULAR DISTRIBUTIONS FOR THE REACTION C12(LI6, ALPHA) N14 BETWEEN 2 AND 3 MEV,
AD-630 401 20H T 66 09

CARBON, WASTES(SANITARY ENGINEERING)
FEASIBILITY OF GRANULAR, ACTIVATED-CARBON ADSORPTION FOR WASTE-WATER RENOVATION. 2.
PB-169 383 13B U 41 10 HC$ 2.00 MF$ 0.50

CARBOXY LIC ACIDS, DISSOCIATION
EQUILIBRIUM AND KINETIC STUDIES OF THE DEPROTONATION OF THE MONOANION OF SEVERAL DICARBOXYLIC ACIDS IN WATER AND IN DEUTERIUM OXIDE,
AD-629 798 7D T 66 09

CARDIOVASCULAR DISEASES, AVIATION PERSONNEL
A LONGITUDINAL STUDY OF NAVAL FLIGHT STUDENTS WITH PARTICULAR ATTENTION TO CARDIOVASCULAR DISEASE.
N66-13165 6S U 41 09 HC$ 1.00 MF$ 0.50

CARDIOVASCULAR DISEASES, DIAGNOSIS
THE CLINICAL SYMPTOMATOLOGY OF CORONARY INSUFFICIENCY.
AD-468 237 6E U 41 10 HC$ 2.00 MF$ 0.50

CARDIOVASCULAR SYSTEM, ADAPTATION(PHYSIOLOGY)
CARDIOVASCULAR RESPONSES OF DIVING AND NONDIVING MAMMALS TO APNEA.
AD-631 139 6P T 66 10 HC$ 1.60 MF$ 0.50

CARDIOVASCULAR SYSTEM, CONTROL
ROLE OF THE NERVOUS, ENDOCRINE AND RENAL SYSTEMS IN CARDIOVASCULAR REGULATION,
AD-630 053 6P T 66 09

CARDIOVASCULAR SYSTEM, RADIATION EFFECTS
MEDIAN LETHAL DOSE (LD-50/60) STUDIES IN SHEEP FOLLOWING 250 KVP X-IRRADIATION.
AD-631 189 6R T 66 10 HC$ 2.60 MF$ 0.50

CARGO SHIPS, MOTION
SHIP MODEL TESTS IN IRREGULAR SEAS AND CORRELATION WITH FULL SCALE TRIALS.
AD-630 430 13J T 66 09 HC$ 3.00 MF$ 0.75

CARGO SHIPS, VIBRATION
THE SIGNIFICANCE OF SHELL-LINE VIBRATION OF NS SAVANNAH AT LOW FREQUENCIES.
AD-631 148 13J T 66 10 HC$ 2.60 MF$ 0.50

CARGO VEHICLES, HUMAN ENGINEERING
HUMAN ENGINEERING EVALUATION OF TRUCK 1/4 TON, 4 X 4, UTILITY, M38A1,
PB-169 308 13F U 41 10 HC$ 1.00 MF$ 0.50

CARGO VEHICLES, TRACKED VEHICLES
HEAVY EQUIPMENT TRANSPORTERS.
PATENT 3,228,547 13F U 41 10

CARRIER LANDINGS, STATISTICAL ANALYSIS
STATISTICAL PRESENTATION OF LANDING PARAMETERS FOR MODEL A-1H AIRCRAFT ABOARD THE USS ORISKANY (CVA-34) IN THE WESTPAC AREA.
AD-629 931 1B T 66 09 HC$ 6.60 MF$ 0.75

CARRIERS(SEMICONDUCTORS), MEASUREMENT
MEASUREMENT OF MINORITY CARRIER LIFETIME IN GERMANIUM AND SILICON BY THE SPREADING RESISTANCE PHOTO DECAY METHOD. CALORIMETRIC METHOD OF MEASURING ABSORBED POWER IN ELECTROLUMINESCENCE,
AD-630 930 20C T 66 10 HC$ 2.00 MF$ 0.50

MEASUREMENT OF THE LIFETIME OF MINORITY CURRENT CARRIERS IN GE AND SI BY OBSERVING THE PHOTOCONDUCTIVE DECAY OF THE SPREADING RESISTANCE UNDER A POINT CONTACT.
AD-631 102 20L T 66 10 HC$ 1.00 MF$ 0.50

MEASUREMENT OF THE LIFETIME OF MINORITY CURRENT CARRIERS IN SEMICONDUCTORS BY OBSERVING THE PHOTOCONDUCTIVE DECAY OF THE SPREADING RESISTANCE UNDER A POINT CONTACT.
AD-631 119 20L T 66 10 HC$ 2.00 MF$ 0.50

CARRIERS(SEMICONDUCTORS), XENON
REFLECTION STUDIES OF EXCITONS IN LIQUID AND SOLID XENON,
AD-629 813 7D T 66 09

CARTRIDGES(PAD), DAMAGE
EFFECTS OF SOME OF THE SPACE ENVIRONMENTS ON PROPELLANT ACTUATED DEVICES,
AD-630 043 19A T 66 09

CARTRIDGE CASES, COMBUSTION
PROPELLANT COMPOSITION.
PATENT 3,236,704 19A U 41 10

CARTRIDGES, COOK-OFF
TEMPERATURE SENSITIVITY OF THE T324E22 VIGILANTE HE CARTRIDGE-GUN SYSTEM.
AD-630 357 19A T 66 09 HC$ 3.60 MF$ 0.50

CASUALTIES, DETERMINATION
TARLOG: A DIFFERENTIAL GROUND COMBAT MODEL,
AD-629 879 15G T 66 09 HC$ 1.60 MF$ 0.50

CASUALTIES, NUCLEAR EXPLOSIONS
ANNUAL REPORT ON ACTIVITIES.
ABCC-60-61 6R U 41 09 HC$ 3.00 MF$ 0.75

CATALOGS, MAINTENANCE
EXPERIENCE WITH EDP SUPPORT OF INDIVIDUALS' FIRE MAINTENANCE.
AD-443 751 5B U 41 10 HC$ 1.10

CATALYSIS, CHEMILUMINESCENCE
CHEMILUMINESCENT SYSTEMS.
AD-629 886 7E T 66 09 HC$ 2.60 MF$ 0.50

CATALYSTS, CHEMICAL ENGINEERING
A CATALYST MOUNTING TECHNIQUE FOR CLOSE TEMPERATURE CONTROL,
AD-629 772 7A T 66 09

CATALYSTS, SURFACE PROPERTIES
STUDY OF SURFACE PROPERTIES OF ATOMICALLY-CLEAN METALS AND SEMICONDUCTORS. PART I. STUDY OF CDS SURFACES BY LEED. PART II. COMBINED LEED AND MASS SPECTROMETER MEASUREMENTS FOR ADSORPTION AND CATALYSIS.
AD-630 863 20L T 66 10 HC$ 4.60 MF$ 0.50

CATHODE RAY TUBE SCREENS, EFFECTIVENESS
TEST AND EVALUATION OF ELECTRONIC IMAGE GENERATION AND PROJECTION DEVICES. VOLUME III - EVALUATION OF PROJECTION SCREENS.
AD-630 659 17B T 66 10 HC$ 3.00 MF$ 0.75

CATHODE RAY TUBES, DESIGN
DESIGN, DEVELOPMENT, AND FABRICATION OF AN ULTRA-HIGH-RESOLUTION CATHODE-RAY TUBE.
AD-457 825 R 9A,U 41 10 HC$16.40 MF$ 1.75

CATHODE RAY TUBES, ELECTRON OPTICS
UNIQUE SCAN CLOSED-LOOP TELEVISION SYSTEM.
AD-630 905 17B T 66 10 HC$ 4.00 MF$ 1.00

CATHODE RAY TUBES, SCANNING
SLOW SCAN GENERATOR CIRCUIT.
PATENT 3,229,122 9A U 41 10

CATHODES(ELECTROLYTIC CELL), MAGNESIUM COMPOUNDS
INVESTIGATIONS LEADING TO THE DESIGN AND DEVELOPMENT OF MAGNESIUM/MAGNESIUM PERCHLORATE BATTERIES.
AD-630 640 10C T 66 10 HC$ 4.60 MF$ 0.50

CATHODES, GLOW DISCHARGES
INVESTIGATION OF CATHODE PHENOMENA IN THE MERCURY ARC.
AD-629 869 20C T 66 09 HC$ 4.00 MF$ 1.00

CATHODES, THERMIONIC EMISSION
INVESTIGATIONS OF RARE-EARTH OXIDE CATHODES.
PB-169 469 9A U 41 10 HC$ 1.60

CAVITATION, ACOUSTICS
CAVITATION DYNAMICS: I. A MATHEMATICAL FORMULATION.
AD-631 016 20A T 66 10 HC$ 3.00 MF$ 0.75

CAVITATION, DRAG
THE EFFECT OF THE FREE SURFACE ON THE DRAG OF SUPERCAVITATING AXISYMMETRIC BODIES.
AD-630 203 20D T 66 09 HC$ 1.00 MF$ 0.50

CAVITATION, EROSION
CAVITATION ON SURFACE IRREGULARITIES OF TRIANGULAR PROFILE,
AD-630 286 20D T 66 09 HC$ 3.60 MF$ 0.50

SCALE EFFECT OF CAVITATION EROSION,
AD-630 875 20D T 66 10 HC$ 2.60 MF$ 0.50

CAVITATION, HANDBOOK
HANDBOOK OF CAVITATION DAMAGE.
AD-473 532 13J U 41 09 HC$ 6.00 MF$ 1.25

CAVITATION, HYDROFOILS
SUPERCAVITATING FLAT-PLATE WITH AN OSCILLATING FLAP AT ZERO CAVITATION NUMBER,
AD-630 353 20D T 66 09 HC$ 6.60 MF$ 0.75

CAVITATION, LIQUID JETS
CAVITATION AND ENERGY DISSIPATION IN CONDUIT EXPANSIONS,
AD-629 885 20D T 66 09 HC$ 1.00 MF$ 0.50

CAVITATION, LIQUIDS
CAVITIES AND MICRO MUNRO JETS IN LIQUIDS: THEIR ROLE IN EXPLOSION,
AD-631 103 19D T 66 10

CAVITATION, WATER ENTRY
WATER-ENTRY CAVITY MODELING. PART I. VERTICAL CAVITIES,
PB-169 203 16D U 41 10 HC$ 3.00 MF$ 0.50

CELESTIAL MECHANICS, COMETS
THE FLUID DYNAMICS OF COMET DUST TAILS,
AD-629 957 3C T 66 09 MF$ 0.50

CELESTIAL MECHANICS, MATHEMATICAL ANALYSIS
ON THE HIGH ORDER EFFECTS IN THE METHODS OF KRYLOV-BOGOLIUBOV AND POINCARE,
N66-14387 3C U 41 09 HC$ 1.00 MF$ 0.50

CELESTIAL MECHANICS, METEORS
RADAR OBSERVATIONS OF METEOR DECELERATION,
AD-630 368 3B T 66 09

CELESTIAL MECHANICS, QUADRUPOLE MOMENTS
SOLAR ROTATION AND PLANETARY ORBITS,
AD-631 165 3C T 66 10

CELESTIAL MECHANICS, SATELLITES(ARTIFICIAL)
AN OBSERVATION OF THE SATELLITE PERTURBATION PRODUCED BY THE SOLAR TIDE.
AD-467 993 22C U 41 10 HC$ 2.60 MF$ 0.50

CELL DIVISION, RADIATION EFFECTS
EFFECTS OF MIXED REACTOR RADIATION ON CELL DIVISION OF SYNCHRONIZED TETRAHYMENA PYRIFORMIS,
AD-468 593 6R U 41 10 HC$ 1.00 MF$ 0.50

CELLS(BIOLOGY), DENSITY
ELECTRICAL ACTIVITY AND CELL DENSITY IN THE CLAUSTRO-INSULAR AREA OF THE RABBIT,
AD-630 051 6P T 66 09 HC$ 5.60 MF$ 0.75

CEMENTS, SOIL MECHANICS
THE EFFECT OF DELAYED COMPACTION ON STABILIZED SOIL-CEMENT,
PB-169 432 8M U 41 09 HC$ 4.00 MF$ 0.75

CENTRAL NERVOUS SYSTEM, BLOOD CIRCULATION
EMPLOYMENT OF CROSS CIRCULATION AND MULTIPLE HEAT EXCHANGERS TO INDUCE DEEP HYPOTHERMIA: ITS USE IN THE STUDY OF CENTRAL NERVOUS SYSTEM CHANGES.
AD-475 558 6E U 41 10 HC$ 1.00 MF$ 0.50

CENTRIFUGAL PUMPS, NOISE
THE GENERATION, PROPAGATION, AND REDUCTION OF NOISE IN CIRCULATING WATER PUMPING SYSTEMS.
AD-630 869 13K T 66 10 HC$ 2.00 MF$ 0.50

CERAMIC FIBERS, BONDING

INVESTIGATION OF BONDING IN OXIDE-FIBER (WHISKER) REINFORCED METALS.
AD-406 832 13H U 41 10 HC$ 2.60

AD-630 359 F11D,T 66 09 HC$ 3.00 MF$ 0.75

CERAMIC MATERIALS, DEFORMATION
HIGH-TEMPERATURE COMPRESSIVE DEFORMATION EQUIPMENT,
UCRL-16434 18B U 41 09 HC$ 1.00 MF$ 0.50

CERAMIC MATERIALS, DIELECTRICS
RESEARCH ON DIELECTRICS FOR MICROWAVE ELECTRON DEVICES.
AD-629 942 11B T 66 09 HC$ 3.00 MF$ 0.75

CERAMIC MATERIALS, ELECTRICAL PROPERTIES
A PRELIMINARY STUDY OF CERTAIN ELECTRICAL PROPERTIES OF STANNIC OXIDE CERAMICS,
N66-14907 20L U 41 09 HC$ 2.00 MF$ 0.50

CERAMIC MATERIALS, HYDRATES
ETUDE DE L'EAU DE CONSTITUTION DE PLUSIEURS OXYDES A GRANDE SURFACE SPECIFIQUE (GLUCINE, ALUMINE, SILICE-ALUMINE) (STUDY ON THE BOUND WATER OF SEVERAL HIGH SPECIFIC SURFACE-AREA OXIDES (BERYLLIA, ALUMINA, SILICA-ALUMINA)).
PB-169 235 7B U 41 10 HC$ 3.00 MF$ 0.75

CERAMIC MATERIALS, MACHINABILITY
EVALUATION OF BINDERS FOR MACHINABLE UNFIRED CERAMICS,
RFP-659 11B U 41 09 HC$ 1.00 MF$ 0.50

CERAMIC MATERIALS, NON-DESTRUCTIVE TESTING
MICROWAVE INSPECTION TECHNIQUES FOR DETERMINING ABLATIVE SHIELD THICKNESS AND CERAMIC MATERIALS PROPERTIES.
AD-629 908 13H T 66 09 HC$ 1.00 MF$ 0.50

CERAMIC MATERIALS, PIEZOELECTRIC TRANS DUCERS
QUALITY CONTROL FOR TRANSDUCER CERAMICS.
AD-630 490 13H T 66 09 HC$ 1.00 MF$ 0.50

CERAMIC MATERIALS, POWDER METALLURGY
THE YOUNG'S MODULUS AND INTERNAL FRICTION OF POLYCRYSTALLINE MGO AT ROOM TEMPERATURE.
AD-270 254 11B U 41 10 HC$ 4.60

CERAMIC MATERIALS, THERMAL CONDUCTIVITY
THE THERMAL CONDUCTIVITY OF SOME SODIUM TUNGSTEN BRONZES,
AD-630 168 11B T 66 09

CEREBRAL CORTEX, ELECTROENCEPHALOGRAPHY
ELECTRICAL ACTIVITY AND CELL DENSITY IN THE CLAUSTRO-INSULAR AREA OF THE RABBIT,
AD-630 051 6P T 66 09 HC$ 5.60 MF$ 0.75

CERIUM, MASS SPECTRUM
ISOTOPIC MASSES OF HYDROGEN, CHLORINE, BARIUM, CERIUM, AND NEODYMIUM,
AD-630 571 18B T 66 10

CERIUM, SPECTRUM(INFRARED)
FOUNDATIONAL RESEARCH PROJECTS, OCTOBER-DECEMBER 1965.
AD-630 653 5A T 66 10 HC$ 4.60 MF$ 0.50

CESIUM COMPOUNDS, PHOTOELECTRIC EFFECT
ANGULAR ENERGY DISTRIBUTION OF PHOTOELECTRONS.
AD-406 875 J20C,U 41 10 HC$ 2.60

CESIUM ELECTRON TUBES, MANUFACTURING METHODS
PRODUCTION ENGINEERING MEASURE FOR CESIUM BEAM TUBES.
AD-630 565 9A T 66 10 HC$ 1.00 MF$ 0.50

CESIUM, GAMMA-RAY SPECTRA
ANALYSIS OF CS134-CS137 MIXTURES BY GAMMA -RAY SPECTROMETRIC METHODS,
AD-630 302 18B T 66 09 HC$ 1.00 MF$ 0.50

CESIUM, VAPORS
SENSITIZED FLUORESCENCE IN VAPORS OF ALKALI METALS. V. ENERGY TRANSFER IN COLLISIONS BETWEEN CESIUM AND INERT GAS ATOMS,
AD-629 818 7D T 66 09

CHANNEL SELECTORS, RADIO EQUIPMENT
C-6365/ARC-34C RADIO SET CONTROL.
AD-630 865 14D T 66 10 HC$ 2.00 MF$ 0.50

CHARACTER RECOGNITION, STANDARDIZATION
STANDARDIZATION OF TYPEWRITER FONTS FOR AUTOMATIC READING.
AD-630 471 6D T 66 09 HC$ 3.00 MF$ 0.50

CHARGED PARTICLES, ACCELERATION
TRANSIT ACCELERATION OF CHARGED PARTICLES IN AN INHOMOGENEOUS ELECTROMAGNETIC FIELD.
AD-630 376 20C T 66 09

CHARGED PARTICLES, DETECTORS
SATELLITE 1963 38 C.
N66-13569 22B U 41 09 HC$ 2.00 MF$ 0.50

CHARGED PARTICLES, IONOSPHERE
A LIMIT ON STABLY TRAPPED PARTICLE FLUXES,
AD-468 149 4A U 41 09 HC$ 3.00 MF$ 0.75

CHARGED PARTICLES, RADIOLOGICAL DOSAGE
PHOTON, NEUTRON AND CHARGED PARTICLE ABSORBED DOSE MEASUREMENTS WITH A PORTABLE MICROCALORIMETER.
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CHELATE COMPOUNDS, MODELS(SIMULATIONS)
THE PREPARATION AND PROPERTIES OF SOME TETRACOORDINATE BORON COMPOUNDS. THE PSEUDO-METAL ION CONCEPT,
AD-630 721 7B T 66 10

CHEMICAL ANALYSIS, INDEXES
INDEXES TO THE ANALYTICAL CHEMISTRY DIVISION ANNUAL PROGRESS REPORTS, 1964-1965,
ORNL-3904 7B U 41 09 HC$ 3.00 MF$ 0.75

CHEMICAL ANALYSIS, MIXTURES
A CRITICAL EVALUATION OF DIFFERENTIAL REACTION-RATE METHODS EMPLOYED FOR THE SIMULTANEOUS ANALYSIS OF CLOSELY RELATED MIXTURES. PART I. FIRST-ORDER AND PSEUDO FIRST-ORDER METHODS,
AD-630 054 7C T 66 09

CHEMICAL ANALYSIS, REFRACTOR METAL ALLOYS
COOPERATIVE ANALYSIS PROGRAM ON REFRACTORY METAL ALLOYS.
AD-630 276 11F T 66 09 HC$ 2.00 MF$ 0.50

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CERTAIN FACTORS DETERMINING THE FORMATION OF CHEMICAL BONDS ON THE BORDER OF ADHESIVE COMPOUND AND SUBSTRATE,
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METHODS OF FORMATION OF PHOSPHORUS-CARBON BONDS: TERTIARY PHOSPHINE OXIDES.
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CHEMICAL COMPOUNDS, CODING
A DECODING STUDY OF THE LINE-FORMULA CHEMICAL NOTATION.
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THERMODYNAMIC PROPERTIES OF COOLANT FLUIDS AND PARTICLE SEEDS FOR GASEOUS NUCLEAR ROCKETS,
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VARIATIONAL THEORY OF REACTION RATES,
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CHEMICAL WARFARE AGENTS, REVIEWS
CBE FACTORS: MONTHLY SURVEY NO. 3.
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CHEMICAL WARFARE, CIVIL DEFENSE SYSTEMS
RULES FOR THE BEHAVIOR OF THE POPULATION IN CONTAMINATED AREAS,
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CHEMILUMINESCENCE, CATALYSIS
CHEMILUMINESCENT SYSTEMS.
AD-629 886 7E T 66 09 HC$ 2.60 MF$ 0.50

CHEMILUMINESCENCE, HYDROCARBONS
CHEMILUMINESCENCE OF HYDROCARBON OXIDATION,
AD-631 111 7E T 66 10

CHEMILUMINESCENCE, MATERIALS
CHEMILUMINESCENT MATERIALS.
AD-419 212 7E U 41 10 HC$ 4.60

AD-466 061 7E U 41 09 HC$ 3.00 MF$ 0.75

CHEMILUMINESCENCE, PROBABILITY
UPPER LIMITS FOR CHEMILUMINESCENCE FROM SINGLE COLLISIONS OF O3 WITH NO, CO, H2S, AND CS2,
AD-630 017 7D T 66 09 HC$ 2.00 MF$ 0.50

CHEMISTRY, AIR FORCE RESEARCH
CHEMISTRY PROGRAM REVIEW. BENZYNE. FISCAL YEAR 1960.
AD-630 044 7A T 66 09 HC$ 7.60 MF$ 0.75

CHEMISTRY PROGRAM REVIEW.
AD-630 086 7B T 66 09 HC$15.80 MF$ 1.00

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AD-630 109 7B T 66 09 HC$ 4.60 MF$ 0.50

CHEMISTRY, INFORMATION RETRIEVAL
RECORDS OF RESEARCH AND DISCOVERY, NEGLECTED ASSETS OF SCIENCE. II. METHODS OF HANDLING CHEMICAL DATA,
PB-169 411 5B U 41 10 HC$ 1.10 MF$ 0.50

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SUMMARIES OF THE USAEC BASIC RESEARCH PROGRAM IN CHEMISTRY (OFF-SITE).
TID-4005 (2ND ED.) 7B U 41 09 HC$ 1.75 MF$ 1.00

CHEMOTHERAPY, COXIELLA
VACCINATION AND CHEMO-VACCINOTHERAPY OF Q FEVER IN WHITE MICE,
AD-630 728 6O T 66 10 HC$ 1.10 MF$ 0.50

CHINA, CLIMATOLOGY
A PRELIMINARY STUDY OF THE MEDIUM-RANGE FORECAST OF SUMMER PRECIPITATION IN EASTERN CHINA.
AD-631 030 4B T 66 10 HC$ 1.10 MF$ 0.50

CHINA, METEOROLOGY
A STUDY OF THE MICROPHYSICAL MECHANISM OF WARM-CLOUD PRECIPITATION,
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CHINESE LANGUAGE, ANALYSIS

TWO ASPECT MARKERS IN MANDARIN,
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CHLORINE, MASS SPECTRUM
ISOTOPIC MASSES OF HYDROGEN, CHLORINE, BARIUM, CERIUM, AND NEODYMIUM,
AD-630 571 18B T 66 10

CHROMATOGRAPHIC ANALYSIS, CYCLOHEXANES
CHROMATOGRAPHIC SEPARATION OF THE 1-METHOXY -2(3)-HYDROXY-3(2)-BROMO-CYCLOHEXANES AND THEIR DERIVATIVES,
AD-629 760 7C T 66 09

CHROMIUM ALLOYS, STAINLESS STEEL
CAST AUSTENITIC NON-NICKEL STEEL,
AD-630 992 11F T 66 10 HC$ 1.10 MF$ 0.50

CHROMIUM COMPOUNDS, PHYSICAL PROPERTIES
THE MAGNETIC AND THERMAL PROPERTIES OF (CR3(CH3COO)-6(OH)2)C1.8H2O, A SYSTEM OF CLUSTERS OF THREE CR-(+++) IONS,
AD-466 667 20L U 41 09 HC$ 3.00 MF$ 0.75

CHROMIUM, ELECTRODES
EFFECT OF TETRAALKYLAMMONIUM HYDROXIDES ON THE ELECTRODE KINETICS OF THE CHROMI-CHROMOCYANIDE COUPLE,
AD-466 906 7D U 41 09 HC$ 1.00 MF$ 0.50

CHRONOGRAPHS, INSTRUMENTATION
EXPERIMENTAL STUDY OF THE EFFECT ON VIBRATIONS ON FRICTION IN THE CYLINDRICAL GUIDE-BEARINGS FOR A BALANCE-WHEEL SPINDLE,
AD-630 853 14B T 66 10 HC$ 1.60 MF$ 0.50

CILIATA, MORPHOLOGY(BIOLOGY)
A NEW SPECIES OF HELIOCHONA, H. PSYCHRA N. SP. (CILIATA: CHONOTRICHIDA), FROM NUWUK LAKE, ALASKA,
AD-630 395 6M T 66 09

CILIATA, RADIATION EFFECTS
EFFECTS OF MIXED REACTOR RADIATION ON CELL DIVISION OF SYNCHRONIZED TETRAHYMENA PYRIFORMIS,
AD-468 593 6R U 41 10 HC$ 1.00 MF$ 0.50

CIRCUIT INTERCONNECTORS, ULTRASONIC WELDING
BONDING OF COMPONENT LEADS AND WIRE CONDUCTORS TO THIN FILM CIRCUITS BY ULTRA-SONIC WELDING.
AD-629 946 13H T 66 09 HC$ 1.60 MF$ 0.50

CIRCUITS, ANALOG COMPUTERS
A TRANSISTORIZED RATIO AMPLIFIER EMPLOYING THE PRINCIPLE OF ELAPSED TIME COMPUTATION,
AD-630 223 9B T 66 09

CIRCUITS, CAPACITORS
THE QUESTION OF CALCULATING THERMAL COMPENSATION IN OSCILLATORY CIRCUITS AND STABILIZATION OF THE OSCILLATION PERIOD OF THE BALANCE WHEEL IN A NEW TYPE ESCAPEMENT REGULATOR WITH RESTRICTED MOVEMENT,
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CIRCUITS, GRAPHICS
THE GENUS OF K12S,
AD-629 953 12A T 66 09 HC$ 3.60 MF$ 0.50

CIRCUITS, HERMETIC SEALS
MODULAR INTERCONNECTIONS FOR HERMETIC MICRO-ASSEMBLIES.
AD-451 748 9A U 41 09 HC$ 3.00

CIRCUITS, RESONANT FREQUENCY
VARIABLE RESONANT FREQUENCY CIRCUITS.
PATENT 3,229,229 9A U 41 10

CIRCUITS, WELDING
GENERATION OF CONTROLLED CURRENT PULSES FOR WELDING APPLICATIONS.
AD-468 485 13H U 41 10 HC$12.60 MF$ 1.00

CIVIL AVIATION, TERMINAL FLIGHT FACILITIES
ECONOMIC FEASIBILITY OF ALTERNATIVE PROGRAMS FOR WASHINGTON NATIONAL AIRPORT, PART I.
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ECONOMIC FEASIBILITY OF ALTERNATIVE PROGRAMS FOR WASHINGTON NATIONAL AIRPORT, PART II. APPENDICES.
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CIVIL DEFENSE PERSONNEL, PERSONNEL MANAGEMENT
INTEGRATED GUIDANCE FOR SHELTER MANAGEMENT. THE SELECTION AND RECRUITMENT OF SHELTER MANAGERS.
AD-629 914 5A T 66 09 HC$ 8.60 MF$ 0.75

AD-629 915 5A T 66 09 HC$ 1.10 MF$ 0.50

CIVIL DEFENSE SYSTEMS, BLAST
NUCLEAR BLAST EFFECTS ON A METROPOLITAN ECONOMY,
AD-631 026 15C T 66 10 HC$11.60 MF$ 0.75

CIVIL DEFENSE SYSTEMS, COMMUNICATION SYSTEMS
CIVIL DEFENSE COMMUNICATIONS RESEARCH, TASK 1.
AD-630 254 15C T 66 09 HC$ 3.60 MF$ 0.50

CIVIL DEFENSE SYSTEMS, INSTRUCTION MANUALS
RULES FOR THE BEHAVIOR OF THE POPULATION IN CONTAMINATED AREAS,
AD-630 281 15C T 66 09 HC$ 3.60 MF$ 0.50

CIVIL DEFENSE SYSTEMS, RADIOLOGICAL WARFARE
RADIOLOGICAL TARGET ANALYSIS PROCEDURES,
AD-629 784 15B T 66 09 HC$ 9.60 MF$ 0.75

CIVIL ENGINEER ING, ROADS
CONFERENCE ON IMPROVED HIGHWAY ENGINEERING PRODUCTIVITY, MAY 19-21, 1965, PROCEEDINGS.
PB-169 406 13B U 41 09 HC$ 8.85 MF$ 2.50

CIVIL ENGINEERING, AERIAL PHOTOGRAPHY
AN EVALUATION OF COLOR AERIAL PHOTOGRAPHY FOR ENGINEERING PURPOSES.
PB-169 489 14E U 41 09 HC$ 3.00 MF$ 0.75

CIVIL ENGINEERING, ASPHALT
DEVELOPMENT OF NUCLEAR DENSITY TESTS FOR HOT ASPHALT PAVEMENTS.
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CIVIL ENGINEERING, SOIL MECHANICS
THE EFFECT OF DELAYED COMPACTION ON STABILIZED SOIL-CEMENT,
PB-169 432 8M U 41 09 HC$ 4.00 MF$ 0.75

FIELD EVALUATION OF THE LANE-WELLS ROAD LOGGER,
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CLASSIFICATION, LINGUISTICS
QUARTERLY PROGRESS REPORT NO. 25, 1 MAY 1965-31 JULY 1965.
PB-169 317 5G U 41 10 HC$10.60 MF$ 0.75

CLASSIFICATION, REPORTS
DISCRIMINANT ANALYSIS FOR CONTENT CLASSIFICATION.
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CLAY MINERALS, FREEZING
MIGRATION AND CRYSTALLIZATION OF INTERLAMELLAR WATER DURING FREEZING AND THAWING OF WYOMING BENTONITE.
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CLAY MINERALS, PARTICLE SIZE
PARTICLE SIZES OF CLAY MINERALS BY SMALLANGLE X-RAY SCATTERING,
AD-630 370 7D T 66 09

CLAY, AVALANCHES
QUICK CLAY MOVEMENTS, ANCHORAGE, ALASKA.
AD-630 111 8G T 66 09 HC$ 4.00 MF$ 1.00

CLAY, TRAFFICABILITY
PERFORMANCE OF SOILS UNDER TIRE LOADS. REPORT 3. TESTS IN CLAY THROUGH NOVEMBER 1962.
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CLEAN ROOMS, BACTERIA
THE BACTERIOLOGY OF CLEAN ROOMS.
N66-13553 14B U 41 09 HC$ 1.00 MF$ 0.50

CLEAN ROOMS, CONTAMINATION
COMPARATIVE LEVELS AND TYPES OF MICROBIAL CONTAMINATION DETECTED IN INDUSTRIAL CLEAN ROOMS,
N66-15001 14B U 41 10 HC$ 2.00 MF$ 0.50

CLEANING, COLD WEATHER TESTS
OPERATION OF SHIPBOARD WASHDOWN IN FREEZING WEATHER,
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CLEAR AIR TURBULENCE, RADAR SCANNING
PASSIVE-REFLECTOR EXPERIMENTS IN RADAR MEASUREMENT OF THE TURBULENCE OF THE CLEAR SKY.
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CLIMATOLOGY, ATLANTIC OCEAN
WAVE HINDCAST PROJECT NORTH ATLANTIC OCEAN.
AD-630 431 8C T 66 09 MF$ 0.50

CLIMATOLOGY, CANADA
MEAN SEA LEVEL PRESSURE NORMALS.
AD-630 296 4B T 66 09 HC$ 1.10 MF$ 0.50

CANADIAN UPPER AIR DATA.
AD-630 356 4B T 66 09

CLIMATOLOGY, CHINA
A PRELIMINARY STUDY OF THE MEDIUM-RANGE FORECAST OF SUMMER PRECIPITATION IN EASTERN CHINA.
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CLIMATOLOGY, CLOUD COVER
ESTIMATING MEAN CLOUD AND CLIMATOLOGICAL PROBABILITY OF CLOUD-FREE LINE-OF-SIGHT,
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CLIMATOLOGY, ELLESMERE ISLAND
THE VERTICAL PROFILE OF WIND AT LAKE HAZEN, N.W.T.,
AD-630 513 4B T 66 09

CLIMATOLOGY, SOUTHEAST ASIA
SOUTHEAST ASIA MONSOON STUDY.
AD-631 085 4B T 66 10 HC$ 2.00 MF$ 0.50

CLOCKS, DYNAMICS
CERTAIN PROBLEMS IN THE DYNAMICS OF ESCAPEMENT REGULATORS WITHOUT NATURAL VIBRATIONS OF THE BALANCE,
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ON AVERAGE AND FINITE PARAMETERS OF THE INTERMITTENT MOTION IN PIN-TYPE ESCAPEMENTS,
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CLOCKS, IMPACT SHOCK
EXPERIMENTAL INVESTIGATION OF THE EFFECT OF IMPACT OVERLOADS ON CLOCKWORKS,
AD-630 850 14B T 66 10 HC$ 1.60 MF$ 0.50

CLOCKS, STABILIZATION SYSTEMS
THE QUESTION OF CALCULATING THERMAL COMPENSATION IN

OSCILLATORY CIRCUITS AND STABILIZATION OF THE OSCILLATION PERIOD OF THE BALANCE WHEEL IN A NEW TYPE ESCAPEMENT REGULATOR WITH RESTRICTED MOVEMENT.
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CLOSED ECOLOGICAL SYSTEMS, SHELTERS
EXPERIMENTAL EVALUATION OF ENVIRONMENTAL CONTROL SYSTEMS FOR CLOSED SHELTERS.
AD-445 002 6K U 41 10 HC$ 7.60

CLOSTRIDIUM TETANI, TOXINS + ANTITOXINS
MODE OF ACTION OF TETANUS TOXIN ON THE NEUROMUSCULAR JUNCTION.
AD-629 995 6P T 66 09

CLOUD COVER, MATHEMATICAL PREDICTION
ESTIMATING MEAN CLOUD AND CLIMATOLOGICAL PROBABILITY OF CLOUD-FREE LINE-OF-SIGHT.
AD-630 289 4B T 66 09 HC$ 2.00 MF$ 0.50

CLOUDS, ATMOSPHERIC PRECIPITATION
A STUDY OF THE MICROPHYSICAL MECHANISM OF WARM-CLOUD PRECIPITATION.
AD-631 032 4B T 66 10 HC$ 1.00 MF$ 0.50

CLOUDS, MOISTURE
MEASUREMENT OF DROP SIZE DISTRIBUTIONS IN NATURAL CLOUDS AND RAIN.
AD-630 706 4B T 66 10 HC$ 2.00 MF$ 0.50

CLOUDS, RADAR ECHO AREAS
RADAR ECHO CHARACTERISTICS OF CLOUDS.
AD-630 675 4B T 66 10 HC$ 1.00 MF$ 0.50

CLOUDS, RADAR SCANNING
INITIATION OF PRECIPITATION IN VIGOROUS CONVECTIVE CLOUDS.
AD-630 617 4B T 66 10

EFFECTIVENESS AND RELIABILITY OF RADAR OBSERVATIONS OF NON-PRECIPITATING CLOUDS.
AD-630 676 4B T 66 10 HC$ 1.00 MF$ 0.50

CLOUDS, SCIENTIFIC RESEARCH
ACTIVITIES IN RADAR METEOROLOGY, CLOUD PHYSICS, AND WEATHER MODIFICATION IN THE SOVIET UNION (JUNE 1965).
AD-630 618 4B T 66 10

COATINGS, CORROSION INHIBITION
AN EVALUATION OF THE ANTI-CORROSION EFFECTIVENESS OF VARIOUS PRIMER COATINGS.
AD-454 764 11F U 41 09 HC$ 5.60

COATINGS, ELECTRIC WIRE
DEVELOP AND EVALUATE HIGH TEMPERATURE DIELECTRIC FOR RF COAXIAL CABLE.
PB-169 576 9A U 41 10 HC$ 3.60

COATINGS, REFRACTORY METALS
HIGH TEMPERATURE PROJECTIVE COATINGS FOR REFRACTORY METALS.
N66-12875 11C U 41 09 HC$ 1.00 MF$ 0.50

COATINGS, SHAFTS
A MECHANIZED METHOD OF COATING PROPELLER SHAFTS WITH A REINFORCED EPOXY RESIN.
AD-629 861 13H T 66 09 HC$ 1.00 MF$ 0.50

COATINGS, SHIP DECKS
SYNTHETIC MATERIALS IN SHIP CONSTRUCTION AND REPAIR.
AD-630 283 13I T 66 09 HC$ 1.10 MF$ 0.50

COATINGS, TEMPERATURE CONTROL
TWO NEW COATINGS FOR SATELLITE TEMPERATURE CONTROL.
AD-630 036 22B T 66 09 HC$ 2.60 MF$ 0.50

COAXIAL CABLES, CALIBRATION
COAXIAL SLOTTED LINES WITH TYPE N CONNECTORS FXR N101A AND N101B, 805C, 806B, (HEWLETT-PACKARD), 231N, (NARDA), IM-92/U, IM-100/USM-37.
PB-169 243 9C U 41 10 HC$ 2.00 MF$ 0.50

COAXIAL CABLES, ELECTRIC INSULATION
DEVELOP AND EVALUATE HIGH TEMPERATURE DIELECTRIC FOR RF COAXIAL CABLE.
PB-169 576 9A U 41 10 HC$ 3.60

COAXIAL CABLES, FERRITES
FERRITE CABLE CHOKES.
AD-631 053 9A T 66 10 HC$ 2.00 MF$ 0.50

COBALT, MAGNETIC PROPERTIES
MAGNETORESISTANCE OF COBALT.
AD-631 068 20C T 66 10 HC$ 1.60 MF$ 0.50

COCKPITS, DESIGN
COCKPIT DESIGN STUDIES; STANDARD COCKPIT MOCKUP: COMPONENTS OF VARIANCE IN ANTHROPOMETRY.
PB-169 221 1C U 41 09 HC$ 1.00 MF$ 0.50

CODING, DATA TRANSMISSION SYSTEMS
THE COMPUTATION PROBLEM WITH SEQUENTIAL CODING.
N66-13166 9D U 41 09 HC$ 3.00 MF$ 0.75

CODING, SPACE COMMUNICATION SYSTEMS
CODING SCHEMES FOR ADDITIVE NOISE CHANNELS WITH FEEDBACK.
N66-13559 9D U 41 09 HC$ 3.00 MF$ 0.50

CODING, THEOREMS
A THEOREM ON THE MINIMUM DISTANCE OF BCH CODES OVER GF(Q).
AD-630 029 9D T 66 09 HC$ 2.60 MF$ 0.50

COINCIDENCE COUNTING, PARTICLE ACCELERATORS
A SUBNANOSECOND COINCIDENCE CIRCUIT.
SLAC-52 18D U 41 09 HC$ 3.00 MF$ 0.75

COLD WAR, PROBABILITY
THE EFFECTS OF EVENTS: AN EXPLORATORY ANALYSIS OF CHANGE IN PROBABILITY AND DESIRABILITY EVALUATIONS OF COLD WAR FUTURES.
AD-630 564 5D T 66 10 HC$ 4.00 MF$ 1.00

COLLECTING METHODS, MICROORGANISMS
DETERMINATION AND MICROBIAL SURVIVAL OF CRYOGENIC WHOLE AIR SAMPLING CONDITIONS.
N66-12533 6F U 41 09 HC$ 2.00 MF$ 0.50

COLLOIDS, FOOD
EMULSIFYING PROPERTIES OF BLOOD ALBUMIN AND ITS APPLICATION IN FOOD EMULSION PRODUCTION.
AD-630 854 2A T 66 10 HC$ 1.10 MF$ 0.50

COLOR PHOTOG RAPHY, PHOTOGRAMMETRY
AN EVALUATION OF COLOR AERIAL PHOTOGRAPHY FOR ENGINEERING PURPOSES.
PB-169 489 14E U 41 09 HC$ 3.00 MF$ 0.75

COLOR PHOTOGRAPHY, ELECTRON MICROSCOPY
THE APPLICATION OF COLOR PHOTOGRAPHY TO TRANSMISSION ELECTRON MICROSCOPE STUDIES OF THIN METAL FOILS.
AD-629 843 11F T 66 09

COLOR VISION, PSYCHOPHYSIOLOGY
A CRITICAL REVIEW OF THE EXPERIMENTAL FOUNDATION OF HUMAN COLOR PERCEPTION.
AD-630 316 6P T 66 09 HC$ 5.00 MF$ 1.00

COLORS, LIGHT
LIGHT DENSITY AND COLOR DISTRIBUTION IN THE EARTH'S SHADOW.
N66-12997 3A U 41 09 HC$ 2.00 MF$ 0.50

COLORS, STANDARDS
COLOR TOLERANCE CHARTS FOR MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.
PB-169 553 13B U 41 09 HC$ 6.00

COMBINATORAL ANALYSIS, SET THEORY
ON EUCLIDEAN SETS HAVING ONLY TWO DISTANCES BETWEEN POINTS.
AD-630 751 12A T 66 10 HC$ 3.60 MF$ 0.50

COMBINATORIAL ANALYSIS, ALGEBRAIC TOPOLOGY
AN APPROACH TO THE ENUMERATION PROBLEM FOR NON-STABLE VECTOR BUNDLES.
AD-630 898 12A T 66 10

COMBINATORIAL ANALYSIS, CRYSTAL LATTICES
WEIGHT FACTORS FOR THE TWO-DIMENSIONAL ISING MODEL.
AD-629 844 62OL,T 66 09

COMBUSTION CHAMBERS, PULSEJET ENGINES
INVESTIGATION OF A RESONANT COMBUSTOR CONCEPT.
AD-629 951 21E T 66 09 HC$ 6.60 MF$ 0.75

COMBUSTION PRODUCTS, THERMODYNAMICS
THERMODYNAMIC PROPERTIES OF PROPELLANT COMBUSTION PRODUCTS.
AD-630 634 21B T 66 10 HC$ 1.00 MF$ 0.50

COMBUSTION, ACOUSTICS
COMBUSTION IRREGULARITIES IN SOLID PROPELLANTS.
AD-630 409 21B T 66 09 HC$ 1.60 MF$ 0.50

AD-630 409 21B T 66 09 HC$ 1.60 MF$ 0.50

COMBUSTION, EXPLOSIVE MATERIALS
THE THEORY OF DETONATION, THE COMBUSTION MECHANISM, AND THE PROPERTIES OF EXPLOSIVES: COMPILATION OF ABSTRACTS.
AD-629 780 19A T 66 09 HC$ 1.00 MF$ 0.50

COMBUSTION, PARTICLE BEAMS
THE CONDITION OF COMBUSTION IN NON-THERMAL ACTIVATION OF COMBUSTIBLE MIXTURE.
AD-630 288 21B T 66 09 HC$ 1.60 MF$ 0.50

COMBUSTION, SOLID ROCKET PROPELLANTS
AN EXPERIMENTAL INVESTIGATION OF SOME OF THE ACOUSTIC ATTENUATION SOURCES IN THE TE-M-388 (IROQUOIS) ROCKET MOTOR.
AD-630 920 21H T 66 10 HC$ 5.60 MF$ 0.50

COMBUSTION, STABILITY
THEORETICAL CONSIDERATIONS RELATING TO THE EFFECT OF INJECTOR DESIGN ON UNSTABLE BURNING OF LIQUID PROPELLANT ROCKET MOTORS.
AD-462 337 21B U 41 10 HC$ 6.60

SOLID PROPELLANT INSTABILITY OF COMBUSTION 1964. APPENDIX I: THEORY OF ACOUSTIC INSTABILITY IN SOLID ROCKET COMBUSTION. APPENDIX II: EXPERIMENTAL SOLID ROCKET COMBUSTION INSTABILITY.
AD-476 299 21H U 41 10 HC$ 3.00 MF$ 0.75

COMBUSTION, SUPERSONIC FLOW
INSTALLATION AND CALIBRATION OF A SUPERSONIC COMBUSTION TUNNEL.
PB-169 436 14B U 41 10 HC$ 2.60

COMETS, CELESTIAL MECHANICS
THE FLUID DYNAMICS OF COMET DUST TAILS.
AD-629 957 3C T 66 09 MF$ 0.50

COMETS, CHEMISTRY
THE CHEMISTRY OF COMETS. AN ANNOTATED BIBLIOGRAPHY.
N66-13081 3B U 41 09 HC$ 3.00 MF$ 0.75

COMMAND + CONTROL SYSTEMS, SATELLITE TRACKING SYSTEMS

COMMAND AND DATA ACQUISITION STATION STUDY FOR OPERATIONAL METEOROLOGICAL SATELLITES.
PB-169 323 17B U 41 10 HC$11.60 MF$ 0.75

COMMAND + CONTROL SYSTEMS, UNITED STATES
UNITED STATES CAPABILITIES FOR COMMAND AND CONTROL.
AD-414 902 15C U 41 10 HC$ 2.60

COMMERCE, HUNGARY
HUNGARIAN REPUBLIC.
PB-169 566 5C U 41 10 HC$ 3.00 MF$ 0.75

COMMERCE, LATIN AMERICA
THE COURSE OF U. S. PRIVATE INVESTMENT IN LATIN AMERICA SINCE THE RISE OF CASTRO.
AD-442 041 5C U 41 10 HC$ 4.60

COMMERCE, NIGERIA
FEDERAL REPUBLIC OF NIGERIA.
PB-169 567 5C U 41 10 HC$ 4.00 MF$ 0.75

COMMERCE, THEORY
AN OPERATIONAL THEORY OF OLIGOPOLY.
AD-631 130 5C T 66 10 HC$ 2.00 MF$ 0.50

COMMUNICATION EQUIPMENT, ELECTROMAGNETIC COMPATIBILITY
ELECTRONIC EQUIPMENT INTERFERENCE CHARACTERISTICS-COMMUNICATION TYPE.
AD-630 895 20N T 66 10 HC$ 6.60 MF$ 0.75

COMMUNICATION SATELLITES(PASSIVE), RADAR REFLECTIONS
EXPERIMENTAL/THEORETICAL EVALUATION OF A PASSIVE COMMUNICATIONS SATELLITE (ECHO II).
N66-12975 17B U 41 09 HC$ 3.00 MF$ 0.50

COMMUNICATION SYSTEMS, FEEDBACK
THE TRANSMISSION CYCLE PARAMETER IN FEEDBACK COMMUNICATION SYSTEMS.
AD-630 560 9D T 66 10 HC$ 2.00 MF$ 0.50

COMMUNICATION SYSTEMS, QUEUEING THEORY
ADAPTIVE ROUTING TECHNIQUES FOR DISTRIBUTED COMMUNICATIONS SYSTEMS.
AD-630 271 17B T 66 09 HC$ 9.60 MF$ 0.75

COMMUNICATION SYSTEMS, SHIPBORNE
SHIPBOARD INTERFERENCE SIMULATOR.
AD-630 989 17B T 66 10 HC$ 2.00 MF$ 0.50

COMMUNICATION SYSTEMS, SIMULATION
A COMPUTER SIMULATION OF ADAPTIVE ROUTING TECHNIQUES FOR DISTRIBUTED COMMUNICATIONS SYSTEMS.
AD-630 301 17B T 66 09 HC$ 2.00 MF$ 0.50

COMPARATORS, ELECTRIC CURRENTS
THE DEVELOPMENT AND PERFORMANCE OF CURRENT COMPARATORS FOR AUDIO FREQUENCIES.
AD-629 950 9E T 66 09

COMPASSES, GRAVITY
THE GRAVITATIONAL COMPASS.
AD-630 231 20J T 66 09

COMPILERS, CONTROL SEQUENCES
A LARC MASTER CONTROL ROUTINE (MCR4).
AD-630 245 9B T 66 09 HC$ 5.60 MF$ 0.50

COMPILERS, USSR
TRANSLATION OF PROGRAMS FROM ALGOL-60 LANGUAGE INTO LANGUAGES OF ELECTRONIC COMPUTERS. EXPERIMENT OF USING TRANSLATOR TA-2, CHAPTER III.
AD-630 282 9B T 66 09 HC$ 2.60 MF$ 0.50

COMPLEX COMPOUNDS, ACETATES
THE MAGNETIC AND THERMAL PROPERTIES OF (CR3(CH3C00)-6(OH)2)C1.8H20, A SYSTEM OF CLUSTERS OF THREE CR-(+++) IONS.
AD-466 667 20L U 41 09 HC$ 3.00 MF$ 0.75

COMPLEX COMPOUNDS, LUMINESCENCE
LUMINESCENCE OF COMPLEX MOLECULES: ANALYTICAL SURVEY.
AD-629 768 7D T 66 09 HC$ 4.00 MF$ 0.75

COMPLEX COMPOUNDS, MOLECULAR ROTATION
DISCRIMINATING EFFECT OF ADSORBED ASYM- METRIC FILM ELECTRODE TOWARD ELECTROACTIVE METAL COMPLEX ENANTIOMERS.
AD-629 807 7D T 66 09

COMPLEX COMPOUNDS, NUCLEAR MAGNETIC RESONANCE
CARBON-13 MAGNETIC RESONANCE OF DIENE-IRON TRICARBONYL COMPLEXES.
AD-630 078 7D T 66 09 HC$ 1.60 MF$ 0.50

COMPLEX COMPOUNDS, SPECTRA(INFRARED)
LONG-WAVE INFRARED SPECTRA OF ALKALI SALTS OF PLATINUM HALIDE COMPLEXES.
AD-630 499 7D T 66 09

COMPLEX COMPOUNDS, SYNTHESIS (CHEMISTRY)
GROUP III ALKYL ADDUCTS OF TRANSITION METAL CYCLOPENTADIENIDES.
AD-630 006 7B T 66 09

COMPOSITE MATERIALS, ANALYSIS
INVESTIGATION OF THE PHYSICAL-CHEMICAL NATURE OF THE MATRIX-REINFORCEMENT INTERFACE.
AD-629 777 11D T 66 09 HC$ 4.00 MF$ 1.00

COMPOSITE MATERIALS, BONDING
INVESTIGATION OF BONDING IN OXIDE-FIBER (WHISKER) REINFORCED METALS.
AD-630 359 F11D,T 66 09 HC$ 3.00 MF$ 0.75

COMPOSITE MATERIALS, FILAMENT WOUND CONSTRUCTION
ELASTIC MATERIAL CONSTANTS OF FILAMENT -WOUND CYLINDERS FABRICATED FROM E-HTS/E787 AND S-HTS/E787 PREPREG ROVINGS.
AD-630 318 11D T 66 09 HC$ 2.00 MF$ 0.50

COMPOSITE MATERIALS, GRAPHITE
GRAPHITE-METAL COMPOSITES.
N66-13096 11D U 41 09 HC$ 1.00 MF$ 0.50

COMPOSITE MATERIALS, MECHANICAL PROPERTIES
PRELIMINARY INVESTIGATION OF THE MECHANICAL BEHAVIOR OF IDEALIZED AGGREGATE-ASPHALT COMPOSITES.
PB-169 505 11B U 41 10 HC$ 2.00 MF$ 0.50

COMPOSITE MATERIALS, MODULUS OF ELASTICITY
ELASTIC MODULI OF COMPOSITE MATERIALS REINFORCED WITH ORTHOTROPIC FILAMENTS.
AD-630 251 11D T 66 09 HC$ 1.00 MF$ 0.50

COMPOSITE MATERIALS, NON-DESTRUCTIVE TESTING
NONDESTRUCTIVE TESTING THEORY AND APPLICA- TION FOR COMPOSITES. BIBLIOGRAPHY.
N66-13338 5B U 41 10 HC$ 6.00 MF$ 1.25

COMPOSITE MATERIALS, PHYSICAL PROPERTIES
THE DEVELOPMENT OF A NEW METHOD FOR DETERMINING CERTAIN PHYSICAL PROPERTIES OF AGGREGATES WITHOUT USING THE SPECIFIC GRAVITY OF SOLIDS AS A FUNCTION. PHASE I.
PB-169 491 11D U 41 10 HC$ 4.00 MF$ 1.00

COMPOSITE MATERIALS, STRESSES
LOCAL AND BENDING STRESSES IN LAYERED MATERIALS WITH BONDED INTERFACE.
AD-629 898 20K T 66 09 HC$ 4.00 MF$ 0.75

COMPOSITE MATERIALS, SUBMARINE HULLS
COMPOSITE PRESSURE VESSEL.
PATENT 3,228,550 13J U 41 10

COMPOSITE MATERIALS, SURFACE PROPERTIES
INTERFACIAL INTERACTION IN COMPOSITE STRUCTURES.
AD-629 899 11D T 66 09 HC$ 3.00 MF$ 0.50

REPORT OF THE AD HOC COMMITTEE ON INTERFACE PROBLEMS IN FIBROUS COMPOSITES.
AD-630 256 11D T 66 09 HC$ 3.00 MF$ 0.50

COMPOSITE MATERIALS, TEST METHODS
A MULTIAXIAL FATIGUE TEST FOR EVALUATION OF PLASTICS COMPOSITE MATERIALS.
AD-630 434 11D T 66 09 HC$ 2.00 MF$ 0.50

COMPOSITE PROPELLANTS, REVIEWS
FOREIGN SCIENCE BULLETIN, VOLUME 2, NO. 3.
AD-630 191 5A T 66 09 HC$ 3.00 MF$ 0.75

COMPRESSIBLE FLOW, ACOUSTICS
PHYSICAL ACOUSTICS.
AD-630 159 20A T 66 09

COMPRESSIBLE FLOW, MATHEMATICAL ANALYSIS
APPLICATION OF INTEGRAL OPERATORS TO SINGULAR DIFFERENTIAL EQUATIONS AND TO COMPUTATIONS OF COMPRESSIBLE FLUID FLOWS.
AD-630 529 20D T 66 10 HC$ 2.00 MF$ 0.50

COMPRESSIBLE FLOW, NUMERICAL ANALYSIS
APPLICATION OF A METHOD FOR APPROXIMATING EXTREMALS OF FUNCTIONALS TO COMPRESSIBLE FLUID FLOWS.
AD-630 534 20D T 66 10 HC$ 2.00 MF$ 0.50

COMPRESSIBLE FLOW, STABILITY
INSTABILITIES OF 'TOP-HAT' JETS AND WAKES IN COMPRESSIBLE FLUIDS.
AD-630 962 20D T 66 10

COMPRESSIVE PROPERTIES, SOIL MECHANICS
STRENGTH CHARACTERISTICS OF COMPACTED SOILS.
PB-169 516 13B U 41 10 HC$ 3.00 MF$ 0.75

COMPUTATIONAL LINGUISTICS, BIBLIOGRAPHIES
COMPUTATIONAL LINGUISTICS: BIBLIOGRAPHY, 1965.
AD-630 985 5G T 66 10 HC$ 3.00 MF$ 0.75

COMPUTER LOGIC, ADAPTIVE SYSTEMS
AN ADAPTIVE NETWORK FOR PRODUCING REAL FUNCTIONS OF BINARY INPUTS.
AD-629 836 9B T 66 09

COMPUTER LOGIC, ANALOG SYSTEMS
A TRANSISTORIZED RATIO AMPLIFIER EMPLOYING THE PRINCIPLE OF ELAPSED TIME COMPUTATION.
AD-630 223 9B T 66 09

COMPUTER LOGIC, BINARY ARITHMETIC
BINARY DIVIDER.
PATENT 3,229,079 9B U 41 10

COMPUTER LOGIC, COUNTING METHODS
SPECIAL FIRST STAGE OF MAGNETIC CORE BINARY COUNTER.
PATENT 3,237,014 9B U 41 10

COMPUTER LOGIC, SEMICONDUCTOR DEVICES
INTEGRATED CIRCUITS FOR FIELDATA COMPUTERS.
AD-631 027 9A T 66 10 HC$ 2.00 MF$ 0.50

COMPUTER LOGIC, SEQUENCES
CONVOLUTIONAL TRANSFORMATIONS OF BINARY SEQUENCES: BOOLEAN FUNCTIONS AND THEIR RESYNCHRONIZING PROPERTIES.
AD-630 625 9B T 66 10 HC$ 2.00 MF$ 0.50

COMPUTER LOGIC, SEQUENTIAL ANALYSIS
AUTONOMOUS CLOCKS IN SEQUENTIAL MACHINES.
AD-629 851 9B T 66 09

COMPUTERS, FLOW CHARTING
EFFECTIVENESS OF PROGRAMMED INSTRUCTIONAL MATERIALS DESIGNED TO INTEGRATE LOWER-LEVEL SUPPORTING BEHAVIORS INTO HIGHER-LEVEL BEHAVIORS IN A LEARNING PROGRAM FOR COMPUTER FLOW CHART DESIGN.
AD-630 981 5I T 66 10 HC$ 2.00 MF$ 0.50

COMPUTERS, INTEGRATED CIRCUITS
ACTIVE LOGIC ELEMENTS USING NON-GALVANIC MODIFYING INPUTS.
AD-630 022 9B T 66 09 HC$ 2.00 MF$ 0.50

COMPUTERS, PERSONNEL MANAGEMENT
THE APPLICATION OF LARGE-SCALE COMPUTERS TO U.S. AIR FORCE INFORMATION SYSTEMS.
AD-629 867 9B T 66 09 HC$ 7.60 MF$ 0.75

COMPUTERS, SCIENTIFIC RESEARCH
ON COMPUTING AND APPLIED MATHEMATICS FOR THE HALF YEAR, JULY 1 - DECEMBER 31, 1964. TECHNICAL SUMMARY FOR TASKS I AND V.
NYO-1480-16 9B U 41 09 HC$ 1.00 MF$ 0.50

COMPUTERS, THEORY
COMMUNICATION WITH AUTOMATA.
AD-630 125 9B T 66 09 HC$ 9.60 MF$ 0.75

ONE-TAPE, OFF-LINE TURING MACHINE COMPUTATIONS.
AD-630 489 9B T 66 09

CONCRETE, ABRASIVES
HIGH-SPEED ABRASION OF TEXTILE CORDAGE ON CONCRETE.
PB-169 454 11E U 41 09 HC$ 1.00 MF$ 0.50

CONCRETE, AGING(MATERIALS)
SINGLE APPLICATION LINSEED OIL-IN-WATER EMULSIONS FOR CURING AND/OR PREVENTING SPALLING OF CONCRETE.
PATENT 3,228,777 11H U 41 10

CONCRETE, BEAMS(STRUCTURAL)
EFFECTS OF IMPULSIVE LOADS ON FIBER-REINFORCED CONCRETE BEAMS.
AD-630 843 13H T 66 10 HC$ 3.00 MF$ 0.75

CONCRETE, ENVIRONMENTAL TESTS
LABORATORY FREEZING-AND-THAWING TESTS OF CONCRETE.
AD-630 066 13C T 66 09 HC$ 1.00 MF$ 0.50

CONCRETE, GAMMA RAY SCATTERING
EXPERIMENTAL DETERMINATION OF THE GAMMARAY ANGULAR DOSE ALBEDOS OF CONCRETE, ALUMINUM AND STEEL.
AD-452 958 18J U 41 09 HC$ 4.60

CONCRETE, MECHANICAL PROPERTIES
PRELIMINARY INVESTIGATION OF THE MECHANICAL BEHAVIOR OF IDEALIZED AGGREGATE-ASPHALT COMPOSITES.
PB-169 505 11B U 41 10 HC$ 2.00 MF$ 0.50

CONDENSATION, FLIGHT INSTRUMENTS
INVESTIGATION OF THE OCCURRENCE OF CONDENSATION IN FLIGHT INSTRUMENTS.
AD-630 664 1D T 66 10 HC$ 5.60 MF$ 0.75

CONDENSATION, NOZZLE GAS FLOW
NON-EQUILIBRIUM NOZZLE FLOW WITH CONDENSATION.
AD-630 910 20D T 66 10 HC$ 2.00 MF$ 0.50

CONDITIONED REFLEX, PERFORMANCE TESTS
PREDICTION OF SPEED OF PERFORMANCE BY MUSCLE ACTION POTENTIALS.
AD-629 759 5J T 66 09

CONFINED ENVIRONMENTS, PERFORMANCE (HUMAN)
THE EFFECTS OF CONFINEMENT ON THE PERFORMANCE OF COMBAT RELEVANT SKILLS: SUMMARY REPORT.
AD-463 918 5E U 41 10 HC$ 2.00

CONFINED ENVIRONMENTS, STRESS(PHYSIOLOGY)
PHYSIOLOGICAL STATUS OF MEN SUBJECTED TO PROLONGED CONFINEMENT.
AD-630 114 6S T 66 09 HC$ 1.00 MF$ 0.50

CONICAL BODIES, BASE PRESSURE
BASE PRESSURE MEASUREMENTS ON SHARP AND BLUNT 9 DEGREE CONES AT MACH NUMBERS FROM 3.50 TO 9.20.
AD-630 329 20D T 66 09 HC$ 3.60 MF$ 0.50

CONICAL BODIES, BUCKLING(MECHANICS)
ON THE BUCKLING OF UNSTIFFENED ORTHOTROPIC AND STIFFENED CONICAL SHELLS (1,2).
AD-631 100 20K T 66 10

CONICAL BODIES, DEFORMATION
SOLVING THE PROBLEM OF A SYMMETRICALLY DEFORMED CONICAL SHELL OF LINEARLY VARIBLE THICKNESS ON THE ELECTRONIC MACHINE 'STRILLA'.
AD-630 413 20K T 66 09 HC$ 1.60 MF$ 0.50

CONICAL BODIES, DRAG
MASS TRANSFER AND FIRST-ORDER BOUNDARY-LAYER EFFECTS ON SHARP CONE DRAG.
AD-629 955 20D T 66 09 HC$ 6.60 MF$ 0.75

CONICAL BODIES, HYPERSONIC CHARACTERISTICS
EQUATIONS AND CHARTS FOR THE EVALUATION OF FORCES ON SPHERICALLY BLUNTED CONES BY THE NEWTONIAN THEORY.
AD-631 149 20D T 66 10 HC$ 2.00 MF$ 0.50

CONICAL BODIES, STABILITY
EXPERIMENTAL STABILITY AND DRAG OF A POINTED AND A BLUNTED 30 DEG HALF-ANGLE CONE AT MACH NUMBERS FROM 11.5 TO 34 IN AIR.
N66-14756 1A U 41 09 HC$ 2.00 MF$ 0.50

CONICAL BODIES, STRESSES
JUNCTURE STRESS FIELDS IN MULTICELLULAR SHELL STRUCTURES. VOLUME III - STRESSES AND DEFORMATIONS ON FIXED-EDGE SEGMENTAL CONICAL SHELLS.
N66-13837 20K U 41 09 HC$ 4.00 MF$ 1.00

DESIGN CRITERION FOR CIRCUMFERENTIAL RING STIFFENERS FOR A CONE LOADED BY EXTERNAL PRESSURE.
PB-169 433 20K U 41 10 HC$ 3.60

CONICAL BODIES, SUPERSONIC FLOW
SUPERSONIC FLOW ABOUT RIGHT CIRCULAR CONES AT ZERO YAW IN AIR AT CHEMICAL EQUILIBRIUM. PART I. CORRELATION OF FLOW PROPERTIES.
AD-468 284 1A U 41 09 HC$ 5.60 MF$ 0.75

CONTAINERS, CORROSION INHIBITION
PROCESS FOR PREPARATION OF CAUSTIC-RESIST- ANT CONTAINERS FOR HIGH-TEMPERATURE USE.
PATENT 3,236,682 13D U 41 10

CONTAINERS, FLEXIBLE STRUCTURES
FLEXIBLE FLOATING CONTAINERS FOR MARINE TRANSPORT.
AD-629 876 13J T 66 09 HC$ 1.10 MF$ 0.50

CONTAINMENT, NONLEAKAGE PROBABILITY
CONTAINMENT VESSEL LEAK RATE CRITERIA FOR A PROPOSED CANEL NUCLEAR TEST FACILITY.
CNLM-5977 18D U 41 09 HC$ 1.00 MF$ 0.50

CONTAMINATION, CIVIL DEFENSE SYSTEMS
RULES FOR THE BEHAVIOR OF THE POPULATION IN CONTAMINATED AREAS.
AD-630 281 15C T 66 09 HC$ 3.60 MF$ 0.50

CONTEXT FREE GRAMMARS, PROGRAMMING LANGUAGES
BOUNDED REGULAR SETS.
AD-630 424 9B T 66 09 HC$ 1.00 MF$ 0.50

CONTINUOUS SPECTRUM, AIR
AIR RADIATION GRAPHS: SPECTRALLY INTEGRATED FLUXES INCLUDING LINE CONTRIBUTIONS AND SELF ABSORPTION.
AD-468 061 7D U 41 10 HC$ 3.00 MF$ 0.50

CONTINUUM MECHANICS, INVARIANCE
A COVARIANT FORM OF CONTINUUM MECHANICS AND THERMODYNAMICS.
UCRL-14399 20K U 41 10 HC$ 2.00 MF$ 0.50

CONTINUUM MECHANICS, LINEAR SYSTEMS
ON THE STABILITY OF EQUILIBRIUM OF CONTINUOUS SYSTEMS.
N66-13093 20K U 41 09 HC$ 1.00 MF$ 0.50

CONTROL SYSTEMS, FLUID AMPLIFIERS
BASIC APPLIED RESEARCH IN FLUID POWER CONTROL.
AD-630 790 13G T 66 10 HC$10.60 MF$ 0.75

CONTROL SYSTEMS, LINEAR SYSTEMS
CONCERNING ADJOINTS OF DISCRETE-TIME SYSTEMS.
AD-629 814 12B T 66 09

CONTROL SYSTEMS, MAN-MACHINE SYSTEMS
HUMAN OPERATOR CONTROL SYSTEMS: I. THE INTERACTION BETWEEN MODES OF INFORMATION DISPLAY AND CONTROL SYSTEM DYNAMICS WITH A SINE WAVE COURSE.
AD-630 880 5H T 66 10 HC$ 6.60 MF$ 0.75

HUMAN OPERATOR CONTROLS SYSTEMS: II. THE INTERACTION OF DISPLAY MODE, CONTROL SYSTEM DYNAMICS AND COURSE FREQUENCY.
AD-630 881 5H T 66 10 HC$ 7.60 MF$ 0.75

CONTROLLED ATMOSPHERES, PRESSURE
VENTILATORY DYNAMICS UNDER HYPERBARIC STATES.
AD-289 217 6S U 41 10 HC$ 2.00

CONTROL, ATMOSPHERE ENTRY
SOME REMARKS CONCERNING THE NEWTON-RAPH- SON ALGORITHM AND ABNORMALITY IN ATMOSPHERIC ENTRY CONTROL PROBLEMS.
AD-630 862 12B T 66 10 HC$ 4.60 MF$ 0.50

CONTROL, OPTIMIZATION
CONTINUOUS OPTIMAL CONTROL PROBLEMS WITH PHASE SPACE CONSTRAINTS.
AD-630 568 12B T 66 10 HC$10.60 MF$ 0.75

CONTROL, ORBITAL TRAJECTORIES
ORBITAL TESTING REQUIREMENTS FOR GUIDANCE AND CONTROL DEVICES. VOLUME II.
N66-14709 17G U 41 09 HC$ 7.00 MF$ 2.00

CONVECTION(ATMOSPHERIC, STORMS
INITIATION OF PRECIPITATION IN VIGOROUS CONVECTIVE CLOUDS.
AD-630 617 4B T 66 10

CONVECTION(HEAT TRANSFER), CYLINDRICAL BODIES
NATURAL CONVECTION IN A HORIZONTAL CYLINDER AT LARGE PRANDTL NUMBERS.
AD-475 885 20D U 41 10 HC$ 6.00 MF$ 1.25

CONVERGENT DIVERGENT NOZZLES, VAPORS
EXPERIMENTAL INVESTIGATION OF NOZZLE CRITICAL FLOW CHARACTERISTICS OF SODIUM VAPOR.
N66-14154 20M U 41 09 HC$ 1.00 MF$ 0.50

COOLANTS, THERMODYNAMICS
THERMODYNAMIC PROPERTIES OF COOLANT FLUIDS AND PARTICLE SEEDS FOR GASEOUS NUCLEAR ROCKETS.

N66-13099 18J U 41 09 HC$ 1.00 MF$ 0.50

COOLING FANS, AXIAL-FLOW FANS
DEVELOPMENT OF COOLING DEVICE.
AD-629 990 13A T 66 09 HC$ 4.60 MF$ 0.50

COPPER ALLOYS, CHEMICAL ANALYSIS
PROCEDURES FOR THE CHEMICAL ANALYSIS OF COPPER-BASE ALLOYS.
AD-631 067 7B T 66 10 HC$ 1.00 MF$ 0.50

COPPER ALLOYS, NOTCH TOUGHNESS
THE NOTCH-BEND STRENGTH OF NONFERROUS ALLOYS IN HEAVY SECTIONS.
AD-631 153 11F T 66 10 HC$ 1.60 MF$ 0.50

COPPER, ANNEALING
OBSERVATIONS ON THE MORPHOLOGICAL CHANGES IN THIN COPPER DEPOSITS DURING ANNEALING AND OXIDATION.
AD-629 839 11F T 66 09

COPPER, COMPATIBILITY
STUDY PROPERTIES OF TETRAMMINO CUPRIC NITRATE.
AD-629 884 19A T 66 09 HC$ 1.60 MF$ 0.50

COPPER, DIFFUSION
INTERSTITIAL DIFFUSION OF COPPER AND SILVER IN LEAD.
AD-630 459 7D T 66 09 HC$ 1.00 MF$ 0.50

COPPER, ELECTRIC WIRE
COPPER WIRE TABLES.
NBS HANDBOOK 100 9A U 41 10 HC$ 0.50 MF$ 0.50

COPPER, EMBRITTLEMENT
LIQUID METAL EMBRITTLEMENT.
AD-470 526 11F U 41 10 HC$ 3.60 MF$ 0.50

RELATIONSHIP BETWEEN EMBRITTLEMENT BEHAVIOR AND INTERFACIAL ENERGIES FOR COPPER WETTED WITH BINARY BISMUTH-THALLIUM LIQUID METAL ALLOYS AT 650 F.
AD-630 420 11F T 66 09 HC$ 2.00 MF$ 0.50

COPPER, MECHANICAL PROPERTIES
NEUTRON IRRADIATION AND THE YIELD SURFACES OF COPPER.
AD-630 923 11F T 66 10 HC$ 8.60 MF$ 0.75

COPPER, NUCLEAR MAGNETIC RESONANCE
NUCLEAR MAGNETIC RESONANCE IN LIQUID COPPER AND ANTIMONY METALS.
AD-629 868 20H T 66 09

COPPER, OXIDATION
THE LOW PRESSURE OXIDATION OF COPPER SINGLE CRYSTALS.
AD-629 903 11F T 66 09 HC$14.90 MF$ 1.00

CORROSION INHIBITION, PHOSPHATE COATINGS
CORROSION PROTECTION BY COLD PHOSPHATIZATION.
AD-630 848 11C T 66 10 HC$ 2.60 MF$ 0.50

CORROSION INHIBITION, TAR
USE OF ANTI-CORROSION AND ANTI-FOULING PAINTS BASED ON COAL TAR AND ITS MIXTURES WITH PHENOL OR EPOXY RESINS.
AD-629 863 11C T 66 09

CORROSION-RESISTANT ALLOYS, GAS TURBINES
DEVELOPMENT OF HOT-CORROSION-RESISTANT ALLOYS FOR MARINE GAS TURBINE SERVICE.
AD-629 786 11F T 66 09 HC$ 4.00 MF$ 1.00

CORROSION, METALS
THE LOW PRESSURE OXIDATION OF COPPER SINGLE CRYSTALS.
AD-629 903 11F T 66 09 HC$14.90 MF$ 1.00

CORROSION, NON-DESTRUCTIVE TESTING
MEASURING METALLIC CORROSION BY RADIATION BACKSCATTERING AND RADIATION INDUCED X-RAYS.
AD-630 814 11F T 66 10

CORROSIVE LIQUIDS, BISMUTH
LIQUID METAL EMBRITTLEMENT.
AD-470 526 11F U 41 10 HC$ 3.60 MF$ 0.50

COSMIC RAY BURSTS, ELECTRON DENSITY
THE DENSITY SPECTRUM OF AIR SHOWERS AT SEA LEVEL AND MOUNTAIN ALTITUDES.
AD-630 387 4A T 66 09

COSMIC RAY BURSTS, RADIO WAVES
DETECTION OF RADIO PULSES FROM EXTENSIVE AIR SHOWERS, WITH A WIDE-BAND RECEIVING SYSTEM.
AD-630 139 4A T 66 09

COSMIC RAYS, ALPHA PARTICLES
COMMENTS ON SOLAR ALPHA-PARTICLE CONTRIBUTIONS TO RIOMETER MEASUREMENTS.
AD-630 183 4A T 66 09 HC$ 1.00 MF$ 0.50

COSMIC RAYS, PROTONS
DETERMINATION OF SOLAR PROTON ENERGY SPECTRUMS BELOW 100 MEV FROM GROUND-BASED MEASUREMENTS.
AD-630 182 4A T 66 09 HC$ 1.00 MF$ 0.50

COSMIC RAYS, SOLAR RADIATION
CATALOG OF HIGH ENERGY SOLAR PARTICLE EVENTS, 1957-1961.
AD-630 255 3B T 66 09 HC$ 1.00 MF$ 0.50

COSMIC RAYS, SYMPOSIA
CONTRIBUTIONS OF THE UNIVERSITY OF MINNESOTA TO THE NINTH INTERNATIONAL CONFERENCE ON COSMIC RAYS.
N66-13351 20H U 41 10 HC$ 5.00 MF$ 1.00

COST EFFECTIVENESS, ARMED FORCES BUDGETS
USES OF AUTOMATED FORCE COST MODELS.
AD-403 268 14A U 41 10 HC$ 1.60

COST EFFECTIVENESS, HANDBOOKS
QUALITY COST ANALYSIS IMPLEMENTATION HANDBOOK.
AD-631 090 14A T 66 10 HC$ 3.00 MF$ 0.50

COST EFFECTIVENESS, NAVY BUDGETS
NAVY COST MODEL.
AD-407 323 14A U 41 10 HC$ 9.60

COST EFFECTIVENESS, OCEANOGRAPHIC VESSELS
ANALYSIS OF THE OPERATING COSTS OF THE SCIENTIFIC RESEARCH WORK ON OCEANOGRAPHIC SURVEY SHIPS.
AD-629 860 13J T 66 09 HC$ 1.60 MF$ 0.50

COST EFFECTIVENESS, TRANSPORTATION
THE MINIMAL COST FLOW PROBLEM WITH CONVEX COSTS.
AD-631 075 12B T 66 10

COST EFFECTIVENESS, WEAPON SYSTEMS
COST ANALYSIS: CONCEPTS AND METHODS OUTLINE.
AD-631 169 14A T 66 10 HC$ 2.00 MF$ 0.50

COUMARINS, RODENTICIDES
MECHANISM OF RODENTICIDAL ACTIVITY OF GLIRICIDIA SEPIUM.
AD-631 002 6F T 66 10 HC$ 1.00 MF$ 0.50

COUNTERINSURGENCY, BIBLIOGRAPHIES
BIBLIOGRAPHY ON COUNTERINSURGENCY, UNCONVENTIONAL WARFARE, AND PSYCHOLOGICAL OPERATIONS: SUPPLEMENT NO. 8.
AD-630 774 15G T 66 10 HC$ 9.60 MF$ 0.75

COUPLINGS, DISCONNECT FITTINGS
DISCONNECT COUPLING.
PATENT 3,236,550 13E U 41 10

COUPLINGS, TOWING CABLES
COUPLING BETWEEN A TOW LINE AND OBJECT TOWED.
PATENT 3,229,028 13E U 41 10

COXIELLA, DISEASES
Q FEVER. METHOD OF KENNETH R. DIRKS, M. D.,
AD-629 967 6E T 66 09

TO THE QUESTION OF THE DEGREE OF DISSEMINATION OF THE Q-FEVER AMONG THE WORKERS OF THE COTTON INDUSTRY.
AD-630 727 6J T 66 10 HC$ 1.10 MF$ 0.50

COXIELLA, VACCINES
VACCINATION AND CHEMO-VACCINOTHERAPY OF Q FEVER IN WHITE MICE.
AD-630 728 6O T 66 10 HC$ 1.10 MF$ 0.50

CRATERING, NUCLEAR EXPLOSIONS
SEISMIC EFFECTS FROM A NUCLEAR CRATERING EXPERIMENT IN BASALT.
PB-169 341 8K U 41 09 HC$ 6.60 MF$ 0.75

CREEP, COPPER
NEUTRON IRRADIATION AND THE YIELD SURFACES OF COPPER.
AD-630 923 11F T 66 10 HC$ 8.60 MF$ 0.75

CREEP AT ELEVATED TEMPERATURES AND HIGH VACUUM.
N66-13552 11F U 41 09 HC$ 1.00 MF$ 0.50

CREEP, REFRACTORY METAL ALLOYS
SHORT-TIME, HIGH-TEMPERATURE CREEP STRENGTH OF MOLYBDENUM-0.5% TITANIUM.
AD-630 070 11F T 66 09 HC$ 9.60 MF$ 0.75

CRITICAL ASSEMBLIES, INSTRUCTION MANUALS
INSTRUCTION MANUAL FOR PROMPT BURST CRITICAL ASSY MACHINE, SUPER KUKLA.
UCRL-13138 18I U 41 09 HC$ 2.00 MF$ 0.50

CROSSED FIELD DEVICES, MICROWAVE AMPLIFIERS
DEVELOPMENT OF AN X-BAND CW CROSSED-FIELD AMPLIFIER.
AD-630 597 9E T 66 10 HC$ 4.60 MF$ 0.50

CRUSTACEA, ARCTIC REGIONS
FIVE COLLECTIONS OF CUMACEA FROM THE ALASKAN ARCTIC.
AD-629 963 6C T 66 09

CRYSTAL OVENS, THERMISTORS
A STUDY OF THERMISTOR STABILITY.
RFP-649 18D U 41 09 HC$ 1.00 MF$ 0.50

CRYSTAL COUNTERS, PHOTONS
A LARGE-AREA GAS PROPORTIONAL DETECTOR FOR LOW-ENERGY PHOTONS.
RFP-637 18D U 41 09 HC$ 1.00 MF$ 0.50

CRYSTAL COUNTERS, SHIELDING
THE DESIGN OF A LOW-BACKGROUND WHOLE-BODY COUNTING FACILITY.
ORINS-51 6R U 41 09 HC$ 3.00 MF$ 0.50

CRYSTAL FILTERS, MANUFACTURING METHODS
PEM QUARTZ CRYSTAL UNITS, FILTER LOW FREQUENCY 1 MC TO 10 MC. TYPES CR-(XM-49)/U THRU CR-(XM-52)/U.
AD-629 913 9A T 66 09 HC$ 1.00 MF$ 0.50

CRYSTAL GROWTH, LANTHANUM COMPOUNDS
HYDROTHERMAL GROWTH OF CRYSTALS OF LAAL03.
AD-630 259 20B T 66 09 HC$ 3.60 MF$ 0.50

CRYSTAL GROWTH, REVIEWS
THE GROWTH OF SINGLE CRYSTALS.
AD-631 073 20B T 66 10 HC$ 3.00 MF$ 0.75

CRYSTAL HOLDERS, MANUFACTURING METHODS

PRODUCTION ENGINEERING MEASURE: MANUFACTURE OF GLASS HOLDER CRYSTAL UNITS TYPE CR(XM-66).
AD-630 800 9A T 66 10 HC$ 2.00 MF$ 0.50

CRYSTAL LATTICE DEFECTS, COLOR PHOTOGRAPHY
THE APPLICATION OF COLOR PHOTOGRAPHY TO TRANSMISSION ELECTRON MICROSCOPE STUDIES OF THIN METAL FOILS,
AD-629 843 11F T 66 09

CRYSTAL LATTICE DEFECTS, SILICON
DISLOCATION REACTIONS IN SILICON WEB-DENDRITE CRYSTALS,
AD-629 840 20L T 66 09

CRYSTAL LATTICES, COMBINATORIAL ANALYSIS
WEIGHT FACTORS FOR THE TWO-DIMENSIONAL ISING MODEL,
AD-629 844 G20L,T 66 09

CRYSTAL LATTICES, DISPLAY SYSTEMS
DEVICE FOR RAPID ORIENTATION OF CRYSTALS BY DIRECT-IMAGE X-RAY TECHNIQUE,
AD-630 931 20B T 66 10 HC$ 1.00 MF$ 0.50

CRYSTAL LATTICES, X-RAY DIFFRACTION ANALYSIS
A PRECISE DETERMINATION OF INTERPLANAR SPACING FROM DIVERGENT BEAM PHOTOGRAPHS,
AD-631 179 20B T 66 10 HC$ 1.00 MF$ 0.50

CRYSTAL MIXERS, DIODES(SEMICONDUCTORS)
PRODUCTION ENGINEERING MEASURE (PEM) FOR SILICON MIXER DIODE,
AD-630 195 9A T 66 09 HC$ 5.60 MF$ 0.75

CRYSTAL OSCILLATORS, INTERFERENCE ANALYZERS
SHIPBOARD INTERFERENCE SIMULATOR,
AD-630 989 17B T 66 10 HC$ 2.00 MF$ 0.50

CRYSTAL STRUCTURE, SILICON
RADIATION EFFECTS ON SILICON SOLAR CELLS,
N66-15012 10A U 41 10 HC$ 4.00 MF$ 1.00

CRYSTALLIZATION, SYMMETRY(CRYSTALLOGRAPHY
A DENSE PACKING OF HARD SPHERES WITH FIVE-FOLD SYMMETRY,
AD-630 573 20B T 66 10

CRYSTALS, CHEMISTRY
SOME FUNDAMENTAL PROBLEMS IN CRYSTAL CHEMISTRY AND THEIR USE IN MINERALOGY,
AD-629 770 20B T 66 09 HC$ 2.00 MF$ 0.50

CRYSTALS, OPTICAL ANALYSIS
LIGHT SCATTERING TECHNIQUES FOR CRYSTAL EVALUATION,
AD-631 041 20B T 66 10 HC$ 4.00 MF$ 0.75

CULTURE, TRAINING
THE SIGNIFICANCE OF ROLE BEHAVIOR DIFFERENTIATION FOR CROSS-CULTURAL INTERACTION TRAINING,
AD-630 796 5A T 66 10 HC$ 2.60 MF$ 0.50

CUMULONIMBUS CLOUDS, DYNAMICS
A DYNAMIC ANALYSIS OF THE DEVELOPMENT OF CUMULONIMBUS INCUS,
AD-631 118 4B T 66 10 HC$ 1.00 MF$ 0.50

CUMULUS CLOUDS, FLORIDA
THE CUMULUS AND METEOROLOGICAL EVENTS OF THE FLORIDA PENINSULA DURING A PARTI- CULAR SUMMERTIME PERIOD. CLOUD REFRAC- TIVE INDEX STUDIES IIIA,
AD-629 933 4B T 66 09 HC$20.20 MF$ 1.25

CUMULUS CLOUDS, MATHEMATICAL MODELS
THE EVOLUTION OF CUMULUS CLOUDS: A NUMERICAL SIMULATION AND ITS COMPARISON AGAINST OBSERVATIONS,
AD-630 660 4B T 66 10 HC$14.60 MF$ 1.00

CURVED PROFILES, TURBULENCE
CURVED TURBULENT MIXING LAYER,
AD-630 722 20D T 66 10

CUTTING FLUIDS, PERFORMANCE (ENGINEERING)
EVALUATION OF CUTTING FLUID APPLICATION METHODS,
AD-629 918 11H T 66 09 HC$ 1.00 MF$ 0.50

CYCLO TRONS, EUROPE
SURVEY OF POLARIZED ION SOURCES IN EUROPE,
ANL-7118 20B U 41 09 HC$ 4.00 MF$ 0.75

CYCLOALKENES, SYNTHESIS(CHEMISTRY)
GENERATION AND REACTIONS OF CYCLOPROPENYLIDENE,
AD-630 840 7C T 66 10 HC$ 1.10 MF$ 0.50

CYCLOBUTENES, SYNTHESIS (CHEMISTRY)
REACTIONS OF 1,4-DICHLORO-1-BUTENES WITH MAGNESIUM. A NEW CYCLOBUTENE SYNTHESIS.,
AD-629 838 7C T 66 09

CYCLOHEXANES, CHROMATOGRAPHIC ANALYSIS
CHROMATOGRAPHIC SEPARATION OF THE 1-METHOXY -2(3)-HYDROXY-3(2)-BROMO-CYCLOHEXANES AND THEIR DERIVATIVES,
AD-629 760 7C T 66 09

CYCLOIDAL PROPELLERS, DESIGN
THE HULL PROPELLER RELATIONSHIP OF THE OCEANOGRAPHIC RESEARCH SHIP T-AGOR,
AD-630 817 13J T 66 10 HC$ 2.00 MF$ 0.50

CYCLOOCTANE DERIVATIVES, SYNTHESIS (CHEMISTRY)
TWO NOVEL TETRACYCLO-OCTANES,
AD-629 852 7C T 66 09

CYCLOPROPANES, SYNTHESIS(CHEMISTRY)
PHOTOCYCLIZATION OF 3,3-DIMETHYL-1-PHENYLBUTENE-1. A NOVEL PHOTOINDUCED 1,2-METHYL MIGRATION,
AD-630 072 7E T 66 09

CYCLOTRON RESONANCE PHENOMENA, IONOSPHERE
A LIMIT ON STABLY TRAPPED PARTICLE FLUXES,
AD-468 149 4A U 41 09 HC$ 3.00 MF$ 0.75

CYCLOTRON RESONANCE PHENOMENA, ALUMINIUM
CYCLOTRON MASSES FOR THE THIRD ZONE SURFACE IN ALUMINIUM,
AD-629 832 20L T 66 09

CYLINDRICAL BODIES, CON VECTION(HEAT TRANSFER)
NATURAL CONVECTION IN A HORIZONTAL CYLINDER AT LARGE PRANDTL NUMBERS,
AD-475 885 20D U 41 10 HC$ 6.00 MF$ 1.25

CYLINDRICAL BODIES, DEFORMATION
PLANE THERMOELASTIC DEFORMATION OF INTERNALLY HEATED ANNULAR DISKS OR HOLLOW CYLINDERS,
N66-14713 20K U 41 09 HC$ 2.00 MF$ 0.50

CYLINDRICAL BODIES, FAILURE(MECHANICS)
COLLAPSE, BUCKLING AND POST FAILURE BEHAVIOR OF CYLINDRICAL SHELLS UNDER ELEVATED TEMPERATURE AND DYNAMIC LOADS,
AD-630 269 20K T 66 09 HC$ 2.00 MF$ 0.50

CYLINDRICAL BODIES, HEAT TRANSFER
HEAT CONDUCTION EXPERIMENTS IN RAREFIED GASES BETWEEN CONCENTRIC CYLINDERS,
AD-630 217 20M T 66 09

CYLINDRICAL BODIES, INCOMPRESSIBLE FLOW
NUMERICAL STUDY OF A VISCOUS FLUID PAST A CIRCULAR CYLINDER,
AD-630 530 20D T 66 10 HC$ 3.00 MF$ 0.50

CYLINDRICAL BODIES, STRESSES
ANALYSIS OF SHORT CYLINDRICAL SHELLS OF VARIABLE WALL THICKNESS,
PB-169 198 20K U 41 09 HC$ 1.00 MF$ 0.50

CYLINDRICAL BODIES, STRUCTURAL SHELLS
INELASTIC LOBAR BUCKLING OF CYLINDRICAL SHELLS UNDER EXTERNAL HYDROSTATIC PRESSURE,
AD-491 094 20K U 41 10 HC$ 3.60

CYTOCHEMISTRY, CHEMICAL ANALYSIS
A SIMPLE METHOD FOR THE DETERMINATION OF WATER CONTENT AND PROTEIN CONCENTRATION IN SUBCELLULAR ELEMENTS,
AD-630 957 6A T 66 10

DAMPING, MEASUREMENT
THE CRITICAL DAMPING CALCULATOR AND THE EVALUATION OF MEASURING SYSTEMS TO DETERMINE DAMPING PROPERTIES OF STRUCTURES,
AD-630 433 13J T 66 09 HC$ 1.00 MF$ 0.50

DATA PROCES SING SYSTEMS, PROGRAMMING(COMPUTERS)
A USER'S GUIDE TO BOMM, A SYSTEM OF PRO- GRAMS FOR THE ANALYSIS OF TIME SERIES,
AD-629 877 9B T 66 09 HC$ 4.00 MF$ 0.75

DATA PROCESSING SYSTEMS, GEOPHYSICS
COMPUTER METHODS OF ANALYZING AEROMAGNETIC DATA,
AD-630 783 8N T 66 10 HC$ 3.00 MF$ 0.75

DATA PROCESSING SYSTEMS, HUMAN ENGINEERING
THE ROLE OF COMPUTERS IN HANDLING AEROSPACE SYSTEMS HUMAN FACTORS TASK DATA,
AD-631 182 5H T 66 10 HC$ 5.00 MF$ 1.00

DATA PROCESSING SYSTEMS, MANAGEMENT ENGINEERING
SPAN REFERENCE MANUAL. SPAN: INTRODUCTION AND GENERAL DESCRIPTION,
AD-425 530 9B U 41 10 HC$ 2.60

SPAN REFERENCE MANUAL. SPAN SYSTEM OPERATION,
PB-169 556 9B U 41 10 HC$ 2.00 MF$ 0.50

DATA PROCESSING SYSTEMS, MEDICINE
SIMULATED DESIGN OF A HOSPITAL PATIENT DATA SYSTEM,
AD-630 147 6E T 66 09

DATA PROCESSING SYSTEMS, METEOROLOGY
DATA PROCESSING FOR ISENTROPIC ANALYSES,
TID-21609 4B U 41 09 HC$ 2.00 MF$ 0.50

DATA PROCESSING SYSTEMS, METEROLOGICAL PARAMETERS
WORLD WEATHER SYSTEM COST/PERFORMANCE ANALYSIS STUDY,
PB-169 313 4B U 41 10 HC$ 5.00 MF$ 1.00

DATA PROCESSING SYSTEMS, SCIENTIFIC RESEARCH
GENERAL RESEARCH,
AD-630 918 5A T 66 10 HC$ 6.60 MF$ 0.75

DATA PROCESSING SYSTEMS, THEORY
COMMUNICATION WITH AUTOMATA,
AD-630 125 9B T 66 09 HC$ 9.60 MF$ 0.75

DATA STORAGE SYSTEMS, DIGITAL SYSTEMS
DIGITAL STORAGE SYSTEM,
PATENT 3,229,258 9B U 41 10

DATA TRANSMISSION SYSTEMS, MICROWAVE COMMUNICATION SYSTEMS
BEYOND-LINE-OF-SIGHT DATA TRANSMISSION USING ADAPTIVE ARRAY TECHNIQUES,
AD-446 155 17B U 41 10 HC$ 4.60

DECAY SCHEMES, HAMILTONIAN
ORIGINS OF THE LEE TRIANGLE,
AD-630 443 20H T 66 09

DECAY SCHEMES, MEASUREMENT

ANALYSIS OF TRIPLE-CORRELATION MEASUREMENTS,
AD-630 349 20H T 66 09

DECELERATION, LANDING IMPACT
PRACTICAL LIMITS FOR BALSA IMPACT LIMITERS,
N66-14058 22C U 41 09 HC$ 1.00 MF$ 0.50

DECISION MAKING, GROUP DYNAMICS
JAN: A TECHNIQUE FOR ANALYZING GROUP JUDGMENT,
AD-403 813 5J U 41 10 HC$ 1.10

DECISION MAKING, MATHEMATICAL PREDICTION
INFERENCES ON THE BASIS OF CONDITIONALLY NONINDEPENDENT DATA,
AD-630 662 5J T 66 10 HC$ 3.60 MF$ 0.50

DECISION THEORY, INVENTORY CONTROL
TEAM DECISION MODELS OF AN INVENTORY SUPPLY ORGANIZATION,
AD-631 079 5A T 66 10

DECISION THEORY, LEARNING MACHINES
A STATISTICAL APPROACH TO THE DESIGN OF INTELLIGENT MACHINES. PATTERN RECOGNITION AND LEARNING,
PB-169 673 9B U 41 10 HC$ 1.60 MF$ 0.50

DECISION THEORY, SET THEORY
ON SELECTING A SUBSET CONTAINING THE BEST OF SEVERAL DISCRETE DISTRIBUTIONS,
AD-630 663 12A T 66 10 HC$ 1.00

DECODING, DATA TRANSMISSION SYSTEMS
THE COMPUTATION PROBLEM WITH SEQUENTIAL CODING,
N66-13166 9D U 41 09 HC$ 3.00 MF$ 0.75

DECODING, MOLECULAR STRUCTURE
A DECODING STUDY OF THE LINE-FORMULA CHEMICAL NOTATION,
PB-169 364 7C U 41 10 HC$ 5.60 MF$ 0.50

DEFLECTION, PAVEMENTS
DETERMINING THE RELATIONSHIP OF VARIABLES IN DEFLECTION OF CONTINUOUSLY REINFORCED CONCRETE PAVEMENT,
PB-169 467 13B U 41 10 HC$ 6.60 MF$ 0.75

DEFORMATION, FRICTION
FRICTION AND LUBRICATION IN HOT METAL DEFORMATION,
AD-630 204 13H T 66 09 HC$ 3.00 MF$ 0.75

DEFORMATION, IMPACT SHOCK
A METALLURGICAL STUDY OF HIGH STRAIN RATE DEFORMATION,
AD-629 921 20K T 66 09 HC$ 3.00 MF$ 0.75

DEHYDRATED FOODS, QUALITY CONTROL
DEHYDRATED FRUIT AND VEGETABLES,
AD-630 844 6H T 66 10 HC$ 3.60 MF$ 0.50

DEHYDROGENATION, CHEMICAL EQUILIBRIUM
EQUILIBRIUM AND KINETIC STUDIES OF THE DEPROTONATION OF THE MONOANION OF SEVERAL DICARBOXYLIC ACIDS IN WATER AND IN DEUTERIUM OXIDE,
AD-629 798 7D T 66 09

DELTA WINGS, SUPERSONIC CHARACTERISTICS
MEASUREMENTS OF SKIN FRICTION ON A CAMBERED DELTA WING AT SUPERSONIC SPEEDS,
PB-169 450 1A U 41 09 HC$ 5.60 MF$ 0.50

DELTA WINGS, SUPERSONIC CHARACTERISTICS
TRANSIENT LOADING OF WIDE DELTA AIRFOILS AT SUPERSONIC SPEEDS,
PB-169 428 1A U 41 09 HC$ 3.60 MF$ 0.50

DELTAS, LOUISIANA
SEDIMENTARY STRUCTURES: MISSISSIPPI RIVER DELTAIC PLAIN,
AD-630 031 8H T 66 09

DEMODULATION, LIGHT COMMUNICATION SYSTEMS
SOLID-STATE TECHNIQUES FOR MODULATION AND DEMODULATION OF OPTICAL WAVES,
AD-417 225 17B U 41 10 HC$ 2.60

DENTISTRY, ELECTRONIC EQUIPMENT
NEW ELECTRONIC INSTRUMENTATION IN DENTISTRY. AN EVALUATION OF MINIATURE CARDIOVASCULAR AND PSYCHOGALVANIC SKIN RESPONSE MONITORING DEVICES,
AD-460 761 6E U 41 10 HC$ 1.00

DENTISTRY, ULTRAVIOLET RADIATION
LOW-TEMPERATURE AFTERGLOW SPECTRUMS OF HUMAN CALCIFIED TISSUES,
AD-630 582 6E T 66 10

DEPARTMENT OF DEFENSE, MANAGEMENT PLANNING
ORGANIZATIONAL STRUCTURES AND PLANNING,
AD-630 757 5A T 66 10 HC$ 2.00 MF$ 0.50

DEPLOYMENT, SIMULATION
THE ARMY DEPLOYMENT SIMULATOR,
AD-455 526 15G U 41 09 HC$ 7.60

DESALINATION, NUCLEAR INDUSTRIAL APPLICATIONS
ENGINEERING AND ECONOMIC FEASIBILITY STUDY FOR A COMBINATION NUCLEAR POWER AND DESALTING PLANT. PHASE III.
TID-22330 18L U 41 09 HC$ 4.00 MF$ 2.75

DESCENT TRAJECTORIES, SOFT LANDINGS
PARAMETRIC PERFORMANCE ANALYSIS OF LUNAR MISSIONS. PART II. LUNAR DESCENT,
N66-12869 22C U 41 09 HC$ 2.00 MF$ 0.50

DESOXYRIBONEUCLIC ACIDS, RADIATION EFFECTS
RADIATION-INDUCED FREE POLYDEOXYRIBONUCLEOTIDES IN LYMPHOID TISSUES: A PRODUCT OF THE ACTION OF DEOXYRIBONUCLEASE I,
AD-631 144 6R T 66 10 HC$ 2.60 MF$ 0.50

DESOXYRIBONUCLEIC ACIDS, NEOPLASMS
THE DNA CONTENT OF MITOTIC NUCLEI OF TWO MOUSE TUMORS,
AD-631 145 6A T 66 10 HC$ 1.60 MF$ 0.50

DESOXYRIBONUCLEIC ACIDS, RECOMBINATION REACTIONS
RECOMBINATION OF A POOL OF DNA FRAGMENTS WITH COMPLEMENTARY SINGLE-CHAIN ENDS,
AD-631 036 6A T 66 10 HC$ 1.10 MF$ 0.50

DESOXYRIBONUCLEIC ACIDS, SYNTHESIS
EFFECT OF HYDROXYUREA ON VIRUS DEVELOPMENT. I. ELECTRON MICROSCOPIC STUDY OF THE EFFECT ON THE DEVELOPMENT OF BACTERIOPHAGE T4,
AD-629 998 M T 66 09

DESTROYERS, CLEANING
OPERATION OF SHIPBOARD WASHDOWN IN FREEZING WEATHER,
AD-630 782 13J T 66 10 HC$ 4.00 MF$ 1.00

DESTROYERS, PERFORMANCE(ENGINEERING)
RESISTANCE AND SEAKEEPING PERFORMANCE OF NEW HIGH SPEED DESTROYER DESIGNS,
AD-466 552 13J U 41 10 HC$ 3.60 MF$ 0.50

DESTRUCTORS, SOUNDING ROCKETS
DEVELOPMENT OF THE FRANGIBLE ARCAS METEOROLOGICAL ROCKET VEHICLE,
AD-630 932 22B T 66 10 HC$24.30 MF$ 1.25

DETECTION, NUCLEAR EXPLOSIONS
LONG RANGE SEISMIC MEASUREMENTS. CHARCOAL,
AD-631 043 17J T 66 10 HC$ 2.00 MF$ 0.50

DETECTION, RECORDING SYSTEMS
APPLICATION OF PRE-DETECTION AND RECORDING TECHNIQUES TO DATA COLLECTION SYSTEMS,
AD-629 889 9F T 66 09 HC$ 2.00 MF$ 0.50

DETECTION, SEISMOLOGY
SEISMIC DISCRIMINATION,
AD-630 559 17J T 66 10 HC$ 3.00 MF$ 0.75

LONG RANGE SEISMIC MEASUREMENTS. CHASE IV,
AD-631 052 17J T 66 10 HC$ 2.00 MF$ 0.50

DETERMINANTS, MATRIX ALGEBRA
PERMANENTS,
AD-629 817 12A T 66 09

DETONATIONS, EXPLOSION GASES
CALCULATION OF THE COMPOSITION OF THE PRODUCTS OF DETONATION AND DETONATION PARAMETERS OF CONDENSED EXPLOSIVES,
AD-629 864 19D T 66 09 HC$ 1.00 MF$ 0.50

DETONATIONS, EXPLOSIVE MATERIALS
THE THEORY OF DETONATION, THE COMBUSTION MECHANISM, AND THE PROPERTIES OF EXPLOSIVES: COMPILATION OF ABSTRACTS,
AD-629 780 19A T 66 09 HC$ 1.00 MF$ 0.50

DETONATIONS, FUELS
DETONABILITY OF COMBUSTIBLE MIXTURES,
AD-630 641 21D T 66 10 HC$ 2.00 MF$ 0.50

DETONATIONS, INHIBITION
DETONATION ARRESTER FOR LIQUID DETONABLE SUBSTANCES,
PATENT 3,228,331 19D U 41 10

DETONATIONS, SHOCK WAVES
A MICROWAVE TECHNIQUE FOR STUDYING DETONATION PHENOMENA,
AD-469 632 19D U 41 09 HC$ 1.00 MF$ 0.50

DEUTERIUM REACTIONS, ELECTRONS
ELASTIC SCATTERING OF HIGH ENERGY ELECTRONS FROM DEUTERIUM,
AD-630 624 20H T 66 10 HC$25.60 MF$ 1.25

DEUTERON CROSS SECTIONS, MEASUREMENT
ABSOLUTE CROSS SECTION MEASUREMENTS FOR THE REACTIONS NE20(D,N)NA21 G.S. AND NE20(D,N)NA21 (0.34 MEV),
AD-630 520 20H T 66 10

DEUTERON REACTIONS, MATHEMATICAL MODELS
STATISTICAL MODEL AND FLUCTUATION STUDIES OF THE A127(D,ALPHA)MG25 REACTION IN THE ENERGY RANGE 5.50-8.0 MEV,
AD-630 220 20H T 66 09

DEUTERONS, INELASTIC SCATTERING
ANALYSIS OF SINGLE EXCITATIONS IN INELASTIC DEUTERON SCATTERING FROM NI60, ZR92, AND SN120 NUCLEI,
AD-630 241 20H T 66 09

DIABETES, FATTY ACIDS
FREE FATTY ACID METABOLISM IN CHINESE HAMSTERS,
AD-630 977 6P T 66 10

DIAMONDS, OPTICAL PROPERTIES
OPTICAL AND ELECTRICAL PROPERTIES OF DIAMOND,
AD-631 044 20L T 66 10 HC$ 1.60 MF$ 0.50

DIAMONDS, VAPOR PLATING
DEPOSITION OF CARBON ON DIAMOND SEED CRYSTALS,
AD-630 705 13H T 66 10 HC$ 2.60 MF$ 0.50

DIATOMIC MOLECULES, KINETIC THEORY
MOMENTUM TRANSFER APPROXIMATION FOR THE CALCULATION OF MOLECULAR TRANSITION PROBABILITIES IN HIGH TEMPERATURE GAS KINETIC COLLISIONS,
AD-466 629 7D U 41 10 HC$ 3.00 MF$ 0.75

DIATONIC MOLECULES, THERMOCHEMISTRY
HIGH-TEMPERATURE EQUILIBRIUM IN THE GERMANIUM NICKEL SYSTEM AND THE DISSOCIATION ENERGY OF GENI.
AD-630 467 7D T 66 09 HC$ 1.00 MF$ 0.50

DIBASIC ACIDS, DISSOCIATION
EQUILIBRIUM AND KINETIC STUDIES OF THE DEPROTONATION OF THE MONOANION OF SEVERAL DICARBOXYLIC ACIDS IN WATER AND IN DEUTERIUM OXIDE.
AD-629 798 7D T 66 09

DIBORANES, POLYMERS
DIBORANE-4-POLYMER.
AD-466 316 7C U 41 09 HC$ 1.60 MF$ 0.50

DICTIONARIES, INFORMATION RETRIEVAL
THESAURUS OF FAA DESCRIPTORS.
PB-169 543 5B U 41 09 HC$ 6.00 MF$ 1.25

DIELECTRIC FILMS, PREPARATION
THIN FILMS FORMED BY ELECTROCHEMICAL REACTIONS.
AD-631 034 9A T 66 10 HC$ 2.00 MF$ 0.50

DIELECTRIC FILMS, PRINTED CIRCUITS
RESEARCH AND DEVELOPMENT STUDY ON IMPROVEMENT OF ADVANCED RADIATION RESISTANT MODULARIZATION TECHNIQUES.
N66-13080 10A U 41 09 HC$ 1.00 MF$ 0.50

DIELECTRIC FILMS, REVIEWS
A LITERATURE SURVEY ON INTERFACES, THIN DIELECTRIC FILMS AND SURFACES, 1965.
AD-631 187 20L T 66 10 HC$ 1.00 MF$ 0.50

DIELECTRIC PROPERTIES, GAS CHROMATOGRAPHY
A NEW, HIGH SENSITIVITY GAS CHROMATOGRAPHIC DETECTOR WITH RESPONSE BASED ON DIELECTRIC PROPERTIES OF CONSTITUENTS.
AD-630 678 14B T 66 10 HC$ 1.00 MF$ 0.50

DIELECTRICS, ELECTRIC INSULATION
DEVELOP AND EVALUATE HIGH TEMPERATURE DIELECTRIC FOR RF COAXIAL CABLE.
PB-169 576 9A U 41 10 HC$ 3.60

DIELECTRICS, ELECTROSTATIC FIELDS
INTERACTION ENERGY OF A DIELECTRIC IN AN ELECTROSTATIC FIELD.
AD-629 919 20C T 66 09 HC$ 2.60 MF$ 0.50

DIELECTRICS, FIELD THEORY
THE FIELD ALONG THE SURFACE OF A GROUNDED DIELECTRIC SLAB COVERED BY A PERIODICALLY SLOTTED CONDUCTING PLANE.
AD-630 003 20N T 66 09 HC$ 3.60 MF$ 0.50

DIELECTRICS, MICROWAVE EQUIPMENT
RESEARCH ON DIELECTRICS FOR MICROWAVE ELECTRON DEVICES.
AD-629 942 11B T 66 09 HC$ 3.00 MF$ 0.75

DIELECTRICS, RESONATORS
INVESTIGATION OF MICROWAVE DIELECTRIC-RESONATOR FILTERS.
AD-426 201 9A U 41 10 HC$ 2.00

INVESTIGATION OF MICROWAVE DIELECTRIC -RESONATOR FILTERS.
AD-436 653 9A U 41 10 HC$ 4.60

AD-444 150 9A U 41 10 HC$ 3.60

INVESTIGATION OF MICROWAVE DIELECTRIC-RESONATOR FILTERS.
AD-461 318 U 41 10 HC$ 3.60

INVESTIGATION OF MICROWAVE DIELECTRIC -RESONATOR FILTERS.
AD-465 668 9A U 41 10 HC$ 3.60 MF$ 0.50

DIENES, CHEMICAL REACTIONS
THE ADDITION OF THIYL RADICALS TO ALLENIC HYDROCARBONS.
AD-630 008 7C T 66 09

DIENES, COMPLEX COMPOUNDS
CARBON-13 MAGNETIC RESONANCE OF DIENE-IRON TRICARBONYL COMPLEXES.
AD-630 078 7D T 66 09 HC$ 1.60 MF$ 0.50

DIFFERENTIAL EQUATIONS, ASYMPTOTIC SERIES
ON TURNING POINT PROBLEMS FOR SYSTEMS WITH ALMOST DIAGONAL COEFFICIENT MATRIX.
AD-630 546 12A T 66 10 HC$ 3.00 MF$ 0.50

DIFFERENTIAL EQUATIONS, INTEGRATION
THE NUMBER OF INTEGRABLE-SQUARE SOLUTIONS OF ORDINARY DIFFERENTIAL EQUATIONS.
AD-630 525 12A T 66 10 HC$ 1.00 MF$ 0.50

DIFFERENTIAL EQUATIONS, ITERATIVE METHODS
QUASILINEARIZATION AND THE ESTIMATION OF DIFFERENTIAL OPERATORS FROM EIGENVALUES.
AD-630 247 12A T 66 09 HC$ 1.00 MF$ 0.50

DIFFERENTIAL EQUATIONS, NUMERICAL METHODS + PROCEDURES
NUMERICAL SOLUTION OF FULL-WAVE EQUATION WITH MODE-COUPLING.
AD-630 612 20N T 66 10 HC$ 3.60 MF$ 0.50

QUADRATURE METHODS OF ARBITRARY ORDER FOR SOLVING LINEAR ORDINARY DIFFERENTIAL EQUATIONS.
AD-630 755 12A T 66 10 HC$ 1.00 MF$ 0.50

DIFFERENTIAL EQUATIONS, THEORY
SOBRE O PROBLEMA FUNDAMENTAL DA TEORIA DAS EQUACOES DIFERENCIAIS (THE SOLUTION OF A FUNDAMENTAL PROBLEM IN THE THEORY OF DIFFERENTIAL EQUATIONS).
AD-631 133 12A T 66 10

DIFFERENTIAL GEOMETRY, QUEUEING THEORY
A CONSERVATION LAW FOR A WIDE CLASS OF QUEUEING DISCIPLINES.
AD-631 082 12B T 66 10

DIFFUSERS, WIND TUNNELS
DIFFUSER POSITIONING DEVICE.
PATENT 3,236,263 14A U 41 10

DIFFUSION, ATMOSPHERIC MOTION
TURBULENT DIFFUSION FROM A CONTINUOUS POINT SOURCE IN THE PRESENCE OF VERTICAL ADVECTION.
AD-631 059 4B T 66 10 HC$ 1.00 MF$ 0.50

DIFFUSION, METALS
PRESSURE DEPENDENCE OF INTERSITIAL-SUBSTITUTIONAL DISSOCIATIVE DIFFUSION.
AD-630 457 7D T 66 09 HC$ 1.00 MF$ 0.50

THE DIFFUSION OF GOLD AND SILVER IN TIN SINGLE CRYSTALS.
AD-630 458 7D T 66 09 HC$ 1.00 MF$ 0.50

DIFFUSION, PROBABILITY
A DIALYSIS SYSTEM WITH ONE ABSORBING AND ONE SEMI-REFLECTING STATE.
AD-630 754 6C T 66 10 HC$ 2.60 MF$ 0.50

DIGITAL COMPUTERS, PROGRAMMING (COMPUTERS)
A LARC MASTER CONTROL ROUTINE (MCR4).
AD-630 245 9B T 66 09 HC$ 5.60 MF$ 0.50

POISSON EQUATION SOLVING PROGRAM.
SLAC-51 9B U 41 10 HC$ 2.00 MF$ 0.50

DIGITAL COMPUTERS, SEQUENTIAL ANALYSIS
AUTONOMOUS CLOCKS IN SEQUENTIAL MACHINES.
AD-629 851 9B T 66 09

DIGITAL COMPUTERS, SIMULATION
THE DISAC MAGNETIC TAPE SYSTEM AND PERIPHERAL EQUIPMENT CONTROLS.
AD-629 788 9B T 66 09 HC$ 4.00 MF$ 0.75

DIGITAL COMPUTERS, STRESSES
CYGRO-STRESS ANALYSIS OF THE GROWTH OF CONCENTRIC CYLINDERS.
WAPD-TM-514 9B U 41 10 HC$ 2.00 MF$ 0.50

DIGITAL RECORDING SYSTEMS, SEISMOGRAPHS
DIGITAL SEISMOGRAPH SYSTEM.
AD-406 895 8K U 41 09 HC$16.80

DIODES(SEMI CONDUCTOR), LASERS
SOLUTION REGROWTH OF PLANAR INSB LASER STRUCTURES.
AD-630 373 20E T 66 09

DIODES(SEMICONDUCTORS), CRYSTAL MIXERS
PRODUCTION ENGINEERING MEASURE (PEM) FOR SILICON MIXER DIODE.
AD-630 195 9A T 66 09 HC$ 5.60 MF$ 0.75

DIODES(SEMICONDUCTOR), MICROMINIATURIZATION(ELECTRONICS)
INTEGRATED SILICON DEVICE TECHNOLOGY. VOLUME VIII. DIODES.
AD-630 894 9E T 66 10 HC$ 5.00 MF$ 1.00

DIODES(SEMICONDUCTOR), NOISE(RADIO)
LOW FREQUENCY NOISE SUPPRESSION IN SPACE CHARGE LIMITED SOLID STATE DIODES.
AD-630 188 9A T 66 09

DIODES(SEMICONDUCTOR), SEMICONDUCTING FILMS
CURRENT-VOLTAGE CHARACTERISTICS OF THIN -FILM DIODES.
AD-630 587 9A T 66 10 HC$ 2.00 MF$ 0.50

DIODES(SEMICONDUCTOR), THERMOELECTRICITY
INVESTIGATION OF GERMANIUM DIODES FOR THERMO-PHOTOVOLTAIC ENERGY CONVERTORS.
AD-631 038 10A T 66 10 HC$ 1.00 MF$ 0.50

DIPOLE ANTENNAS, ANTENNA RADIATION PATTERNS
THE NEAR FIELDS OF SUBSURFACE ELECTRIC DIPOLE ANTENNAS.
AD-629 878 20N T 66 09 HC$ 1.60 MF$ 0.50

THE NEAR FIELDS OF SUBSURFACE MAGNETIC DIPOLE ANTENNAS.
AD-629 916 20N T 66 09 HC$ 1.60 MF$ 0.50

DIPOLE MOMENTS, URANIUM
MAGNETIC-DIPOLE INTENSITIES AND ZEEMAN EFFECT IN CS2UC16.
AD-630 681 20L T 66 10

DIPTERA, TAIWAN
OBSERVATIONS ON THE BIONOMICS OF THE BITING MIDGE CULICOIDES ARAKAWAE (ARAKAWA) (DIPTERA: CERATOPOGONIDAE) IN TAIWAN.
AD-630 883 6C T 66 10 HC$ 1.60 MF$ 0.50

DIRECTION FIND ING SIGNALS, SOLAR RADIATION
THE USE OF SOLAR RADIO EMISSION FOR ANTENNA ORIENTATION.
AD-449 379 17C U 41 09 HC$ 5.60

DIRECTION FINDING, ACOUSTIC EQUIPMENT
BEARING ANGLE ESTIMATION OF ATMOSPHERIC SONIC PLANE WAVES USING GROUND ARRAYS.
AD-630 422 17A T 66 09 HC$ 3.00 MF$ 0.75

DIRECTION FINDING, MICROWAVE EQUIPMENT
MICROWAVE POINTING VARIATIONS AND ANGLE MEASUREMENTS.
AD-630 249 17I T 66 09 HC$ 4.60 MF$ 0.50

DIRECTION FINDING, NAVAL EQUIPMENT
ASSISTANCE IN DEVELOPMENT AND EVALUATION OF BEARING, DISTANCE AND HEADING INDICATOR (BDHI) INSTRUMENTATION.
AD-631 152 17G T 66 10 HC$ 1.60 MF$ 0.50

DISASTERS, ECOLOGY

HISTORICAL EXAMPLES OF ECOLOGICAL DISASTER. FAMINE IN RUSSIA 1921-22. FAMINE IN BECHUANALAND 1965,
AD-629 887 6F T 66 09 HC$ 9.60 MF$ 0.75

DISCHARGE TUBES, PLASMA MEDIUM
INVESTIGATION OF THE MOTION OF A PLASMA IN A GAS-DISCHARGE TUBE EQUIPPED WITH COAXIAL ELECTRODES,
AD-630 972 20I T 66 10 HC$ 1.00 MF$ 0.50

DISCONNECT FITTINGS, CABLES(MECHANICAL)
CATENARY CABLE LINK.
PATENT 3,235,927 13E U 41 10

DISCONNECT FITTINGS, COUPLINGS
DISCONNECT COUPLING.
PATENT 3,236,550 13E U 41 10

DISCONNECT FITTINGS, REACTOR FUEL PRO CESSING
TRU DISCONNECT FERRULE AND CLAMP DETAILS.
ORNL-TM-1097 13K U 41 09 HC$ 2.00 MF$ 0.75

DISEASE VECTORS, ARTHROPODS
SOME CONTRIBUTIONS TO THE PROBLEM OF THE EPIDEMIC PROCESS. II. BASIC LAWS GOVERNING THE TRANSMISSION OF INFECTIOUS DISEASES BY PARASITIC ARTHROPODA. INSECTS AND TICKS. SUMMARY ONLY.
AD-630 729 6C T 66 10 HC$ 1.10 MF$ 0.50

DATA ON EPIDEMIC PROCESSES. III. COMMUNICATION. EPIDEMIOLOGIC PECULIARITIES OF THE PLAGUE AND TULAREMIA CAUSED BY DIFFERENT WAYS OF INFECTION,
AD-630 730 6C T 66 10 HC$ 1.10 MF$ 0.50

DISKS, SUCTION SLOTS
ON THE TORSIONAL OSCILLATIONS OF A PLANE WITH LARGE SUCTION,
AD-631 156 20D T 66 10

DISPERSION HARDENING, TITANIUM ALLOYS
DEVELOPMENT OF A STABLE-BETA TITANIUM ALLOY.
AD-631 185 11F T 66 10 HC$ 3.60 MF$ 0.50

DISPERSIONING HARDENING, ALLOYS
BASIC STUDIES ON DISPERSION HARDENING,
N66-14239 11F U 41 09 HC$ 3.00 MF$ 0.50

DISPLAY SYSTEMS, ATTITUDE CONTROL SYSTEMS
MANUAL ATTITUDE CONTROL SYSTEMS, VOLUME II - DISPLAY FORMAT CONSIDERATIONS,
N66-12856 22B U 41 09 HC$ 3.00 MF$ 0.50

DISPLAY SYSTEMS, CRYSTAL LATTICES
DEVICE FOR RAPID ORIENTATION OF CRYSTALS BY DIRECT-IMAGE X-RAY TECHNIQUE.
AD-630 931 20B T 66 10 HC$ 1.00 MF$ 0.50

DISPLAY SYSTEMS, ECHO RANGING
ECHO RANGING DISPLAY SYSTEM.
PATENT 3,229,245 17A U 41 10

DISPLAY SYSTEMS, GROUND SUPPORT EQUIPMENT
DEVELOPMENT OF DESIGN STANDARDS FOR GROUND SUPPORT CONSOLES.
AD-630 639 1E T 66 10 HC$ 3.00 MF$ 0.50

DISPLAY SYSTEMS, HUMAN ENGINEERING
A STUDY IN INFORMATION PROCESSING: ELECTROLUMINESCENT VS TELETYPE READABILITY OF WEATHER MESSAGES,
AD-630 636 17B T 66 10 HC$ 3.00 MF$ 0.75

DISPLAY SYSTEMS, NAVIGATION
TACTICAL NAVIGATION DISPLAY SYSTEM.
PATENT 3,228,281 17G U 41 10

DISPLAY SYSTEMS, RADAR TRAINERS
HORIZONTAL SITUATION DISPLAY FOR RADAR SCOPE INTERPRETATION TRAINER.
PATENT 3,229,017 5I U 41 10

DISSOCIATION, GAS FLOW
TASK R.
AD-402 828 20D U 41 10 HC$ 3.60

DISTANCE-MEASURING EQUIPMENT, NAVAL AIRCRAFT
ASSISTANCE IN DEVELOPMENT AND EVALUATION OF BEARING, DISTANCE AND HEADING INDICATOR (BDHI) INSTRUMENTATION.
AD-631 152 17G T 66 10 HC$ 1.60 MF$ 0.50

DISTILLATION, SUBMARINES
IMPROVEMENT OF WATER DISTILLATION ON SUBMARINES,
AD-630 417 13J T 66 09 HC$ 1.10 MF$ 0.50

DISTRIBUTION FUNCTIONS, ANALYSIS OF VARIANCE
ESTIMATION OF THE SCALE PARAMETER OF THE GAMMA DISTRIBUTION BY USE OF L ORDER STATISTICS.
AD-630 810 12A T 66 10 HC$20.30 MF$ 1.25

DISTRIBUTION FUNCTIONS, LEAST SQUARES METHOD
LINEAR ESTIMATION OF THE LOCATION AND SCALE PARAMETERS OF THE WEIBULL AND GAMMA PROBABILITY DISTRIBUTIONS BY THE USE OF ORDER STATISTICS.
AD-630 811 12A T 66 10 HC$24.00 MF$ 1.25

DISTRIBUTION FUNCTIONS, PROBABILITY
ESTIMATION OF THE SCALE PARAMETER OF THE WEIBULL PROBABILITY DENSITY FUNCTION BY USE OF ONE ORDER AND OF M ORDER STATISTICS.
AD-630 809 12A T 66 10 HC$16.60 MF$ 1.00

DISTRIBUTION FUNCTIONS, PSYCHOPHYSIOLOGY
PSYCHOPHYSICAL METHODOLOGY III. DEDUCTIONS FROM THE ASSUMPTION THAT A CUMULATIVE SYMMETRICAL DISTRIBUTION UNDERLIES THRESHOLD PHENOMENA,
AD-630 391 5J T 66 09 HC$ 1.60 MF$ 0.50

DISTRIBUTION FUNCTIONS, STATISTICAL TESTS
ON ROBUST PROCEDURES.
AD-630 888 12A T 66 10 HC$ 3.60 MF$ 0.50

DISTRIBUTION THEORY, POTENTIAL THEORY
ON GENERALIZED AXIALLY SYMMETRIC POTENTIALS WHOSE ASSOCIATES ARE DISTRIBUTIONS,
AD-629 793 12A T 66 09

DISTRIBUTION(ECONOMICS), PROBABILITY
RISK AND REQUIRED RETURN ON EQUITY,
AD-630 986 5C T 66 10 HC$ 2.00 MF$ 0.50

DIVING, CONTROLLED ATMOSPHERES
VENTILATORY DYNAMICS UNDER HYPERBARIC STATES.
AD-289 217 6S U 41 10 HC$ 2.00

DIVING, PERFORMANCE TESTS
STUDIES OF DIVERS' PERFORMANCE DURING THE SEALAB II PROJECT.
AD-630 518 5I T 66 09 HC$ 3.00 MF$ 0.50

DOCUMENTATION, ARCHAEOLOGY
LES APPLICATIONS DE LA MECANOGRAPHIE DANS LA DOCUMENTATION ARCHEOLOGIQUE,
PB-169 230 5B U 41 10 HC$ 1.00 MF$ 0.50

DOCUMENTATION, AUTOMATA
AUTOMATED DOCUMENTATION.
AD-470 103 5B U 41 10 HC$ 3.00 MF$ 0.75

DOCUMENTATION, BIBLIOGRAPHIES
COMPUTATIONAL LINGUISTICS: BIBLIOGRAPHY, 1965,
AD-630 985 5G T 66 10 HC$ 3.00 MF$ 0.75

DOCUMENTATION, CHEMICAL ANALYSIS
INDEXES TO THE ANALYTICAL CHEMISTRY DIVISION ANNUAL PROGRESS REPORTS, 1964-1965,
ORNL-3904 7B U 41 09 HC$ 3.00 MF$ 0.75

DOCUMENTATION, INDIA
COURSE OF TRAINING IN DOCUMENTATION: PROSPECTUS AND SYLLABUS.
PB-169 324 5B U 41 10 HC$ 1.60 MF$ 0.50

DOCUMENTATION, SCIENTIFIC RESEARCH
INFORMATION SCIENCES, 1965.
AD-630 521 5B T 66 10 HC$ 4.00 MF$ 0.75

RECORDS OF RESEARCH AND DISCOVERY, NEGLECTED ASSETS OF SCIENCE. I. SOME PROBLEMS AND THEIR BACKGROUND,
PB-169 412 5B U 41 09 HC$ 1.10 MF$ 0.50

DOCUMENTATION, STATE-OF-THE-ART REVIEWS
INFORMATION MANAGEMENT-A STATE-OF-THE -ART STUDY. PART I - SYNOPSIS OF ORGANIZATIONS AND RESEARCH ACTIVITIES.
AD-630 151 5B T 66 09 HC$ 2.60 MF$ 0.50

DOCUMENTATION, UNITED STATES
A NATIONAL PLAN FOR SCIENCE ABSTRACTING AND INDEXING SERVICES.
PB-169 559 5B U 41 10 HC$ 2.00 MF$ 0.50

DOGS, GALLBLADDER
CYSTIC MUCINOUS HYPERTROPHY OF THE MUCOSA OF THE GALL BLADDER IN THE DOG,
AD-629 959 2E T 66 09

DOPPLER EFFECT, ATMOSPHERIC REFRACTION
IMPROVEMENT OF THE TROPOSPHERIC CORRECTION FOR DOPPLER DATA, BASED ON A STUDY OF UPPER AIR METEOROLOGICAL DATA,
AD-459 426 4A U 41 09 HC$ 1.60

DOPPLER NAVIGATION, NAVIGATION SATELLITES
SATELLITE DOPPLER NAVIGATION FOR SMALL CRAFT.
AD-631 024 17G T 66 10 HC$ 3.00 MF$ 0.75

DOPPLER SYSTEMS, SATELLITE TRACKING SYSTEMS
ORBITAL ELEMENTS FROM DOPPLER TRACKING OF THREE SATELLITES,
AD-630 034 22C T 66 09 HC$ 1.60 MF$ 0.50

DOPPLER SYSTEMS, TRACKING
FEASIBILITY STUDY OF DOPPLER-DIFFERENCE TRACKING SYSTEM FOR GHOST,
PB-169 429 4B U 41 09 HC$ 8.60 MF$ 0.75

DOSE RATE, ATTENUATION
DOSE-ATTENUATION VARIATION WITH INCIDENT GAMMA-RAY ENERGY IN TWO-LEGGED CONCRETE AND STEEL DUCTS.
AD-630 697 6R T 66 10 HC$ 2.00 MF$ 0.50

DOSIMETERS, IRRADIATED FOODS
FUNDAMENTAL STUDIES OF RADIATION SOURCE DOSIMETRY AND THE EFFECTS OF IONIZING RADIATION ON SUGARS.
AD-265 460 6H U 41 10 HC$ 1.10

DRAG, HYPERSONIC FLOW
MASS TRANSFER AND FIRST-ORDER BOUNDARY-LAYER EFFECTS ON SHARP CONE DRAG,
AD-629 955 20D T 66 09 HC$ 6.60 MF$ 0.75

DRAG, METEOROLOGICAL BALLOONS
MODIFICATION OF THE ROBIN METEOROLOGICAL BALLOON. VOLUME II. DRAG EVALUATIONS.
AD-629 775 1C T 66 09 HC$ 8.60 MF$ 0.75

DRAG, SURFACE PROPERTIES
THE EFFECT OF THE FREE SURFACE ON THE DRAG OF SUPERCAVITATING AXISYMMETRIC BODIES.
AD-630 203 20D T 66 09 HC$ 1.00 MF$ 0.50

DRAWING(MACHINE PROCESSING), ULTRASONIC RADIATION
THE APPLICATION OF ULTRASONICS TO WIRE DRAWING.
AD-630 248 13H T 66 09 HC$ 1.60 MF$ 0.50

DRIVES, DAMPING
DAMPED POWER DRIVE.
PATENT 3,236,122 13I U 41 10

DRIVES, ROTATION
APERTURE FORMING DRIVE MECHANISM.
PATENT 3,228,291 20F U 41 10

DROPS, HEAT TRANSFER COEFFICIENTS
CREEPING FLOW SOLUTION OF THE LEIDENFROST PHENOMENON.
N66-12253 20M U 41 09 HC$ 1.00 MF$ 0.50

DROSOPHILA, RADIATION EFFECTS
THE BROOD-PATTERNS OF MUTATIONS AND CROSSING-OVER RECOMBINANTS IN SUCCESSIVE BROODS OF F 1 OFFSPRING FROM MALES TREATED WITH 3000 R OF X-RAYS.
TID-21608 6R U 41 09 HC$ 1.00 MF$ 0.50

DRUGS, RESPIRATORY SYSTEM
EFFECT OF HISTAMINE, SEROTONIN, AND ACETYLCHOLINE ON THE PERIPHERAL AIRWAYS,
AD-630 569 6O T 66 10

DRY CELLS, PATENTS
DEFERRED ACTION DRY CELL.
PATENT 3,228,801 10C U 41 10

DUST, DRAG
SHOCK WAVE STRUCTURE IN A DUSTY ABLATING GAS,
AD-466 625 1A U 41 10 HC$ 1.00 MF$ 0.50

DYES, PHOTOCHROMISM
FREQUENCY LOCKING AND DYE SPECTRAL HOLE-BURNING IN Q-SPOILED LASERS,
AD-630 455 20E T 66 09 HC$ 1.10 MF$ 0.50

DYES, SYNTHESIS(CHEMISTRY)
SYNTHESIS OF CHROMOTROPIC COLORANTS.
AD-630 908 11C T 66 10 HC$ 4.00 MF$ 0.75

DYNAMIC PROGRAMMING, OPTIMIZATION
CONTRACTION MAPPINGS IN THE THEORY UNDERLYING DYNAMIC PROGRAMMING,
AD-629 920 12B T 66 09 HC$ 3.60 MF$ 0.50

DYNAMICS, CAVITATION
CAVITATION DYNAMICS: I. A MATHEMATICAL FORMULATION.
AD-631 016 20A T 66 10 HC$ 3.00 MF$ 0.75

DYNAMICS, ELASTICITY
DYNAMIC STABILITY OF AUTONOMOUS AND CONTINUOUS ELASTIC SYSTEMS.
AD-630 773 20K T 66 10 HC$ 4.60 MF$ 0.50

DYNAMICS, WAVE FUNCTIONS
PATH-INTEGRALS IN DYNAMICS,
N66-13551 20K U 41 09 HC$ 1.00 MF$ 0.50

EARTHQUAKES, ALASKA
SOURCE MECHANISM STUDY OF THE ALASKA EARTHQUAKE AND TSUNAMI OF 27 MARCH 1964. PART I. WATER WAVES. PART II. ANALYSIS OF RAYLEIGH WAVE,
AD-629 857 8K T 66 09 HC$ 2.00 MF$ 0.50

FREE OSCILLATIONS EXCITED BY THE ALASKAN EARTHQUAKE.
AD-630 404 8K T 66 09

EARTHQUAKES, SOUTH AMERICA
OBSERVATION OF FREE OSCILLATIONS EXCITED BY A DEEP EARTHQUAKE,
AD-630 101 8K T 66 09

EAR, HEMORRHAGE
HISTOMORPHOLOGICAL CHANGES IN THE INTERNAL EAR OF DOGS UNDER THE EFFECT OF RADIAL ACCELERATIONS,
AD-630 991 6S T 66 10 HC$ 1.60 MF$ 0.50

ECHO RANGING, DISPLAY SYSTEMS
ECHO RANGING DISPLAY SYSTEM.
PATENT 3,229,245 17A U 41 10

ECONOMIC CONDITIONS, MATHEMATICAL MODELS
COMMENTS ON TECHNICAL PROGRESS.
AD-630 487 5C T 66 09 HC$ 2.00 MF$ 0.50

ECONOMICS, INTERNATIONAL LAW
HUNGARIAN REPUBLIC.
PB-169 566 5C U 41 10 HC$ 3.00 MF$ 0.75

FEDERAL REPUBLIC OF NIGERIA.
PB-169 567 5C U 41 10 HC$ 4.00 MF$ 0.75

ECONOMICS, MATHEMATICAL MODELS
COMMENTS ON TECHNICAL PROGRESS.
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A COMPARISON OF THE CROSS SECTIONS FOR IONIZATION OF THE EXCITED STATES OF HYDROGEN BY ELECTRONS CALCULATED USING GRYZINSKI'S CLASSICAL THEORY AND BORN'S QUANTAL THEORY.
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LOW-ENERGY ELECTRON SCATTERING BY METASTABLE HELIUM.
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ELECTRON MICROSCOPY OF MAGNESIUM-DEPLETED BACTERIA,
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BISTABLE ELECTRON DEVICE COMPRISING AXIALLY SPACED DYNODES.
PATENT 3,229,213 9A U 41 10

ELECTRON MULTIPLIERS, IMAGE TUBES
RESEARCH INVESTIGATIONS ON SMOOTHING ELECTRON MULTIPLIER FOR ELECTRONIC-SCANNED IMAGE TUBE.
AD-630 711 17B T 66 10 HC$ 3.00 MF$ 0.75

ELECTRON MULTIPLIERS, WIDEBAND
WIDE BAND MULTICHANNEL ELECTRON MULTIPLIER HAVING IMPROVED PATH SHIELDING AND GAIN CHARACTERISTICS.
PATENT 3,229,142 9A U 41 10

ELECTRON OPTICS, CATHODE RAY TUBES
UNIQUE SCAN CLOSED-LOOP TELEVISION SYSTEM.
AD-630 905 17B T 66 10 HC$ 4.00 MF$ 1.00

ELECTRON TRANSITIONS, ELECTROCHEMISTRY
QUANTUM CHEMISTRY OF ELECTRODE PROCESSES. I. GENERAL RELATIONS FOR ELECTRON EXCHANGE BETWEEN ELECTRODE AND ELECTROACTIVE SPECIES UNDER EQUILIBRIUM AND NONEQUILIBRIUM CONDITIONS,
AD-630 055 7D T 66 09

ELECTRON TRANSITIONS, NITROGEN
FRANCK-CONDON FACTORS FOR OBSERVED TRANSITIONS IN N2 ABOVE 6 EV,
AD-630 717 7D T 66 10

ELECTRON TUBE PARTS, MANUFACTURING METHODS
ELECTRON BEAM TECHNIQUES FOR FABRICATION AND ASSEMBLY OF PARTS FOR ELECTRON TUBES.
AD-630 001 13H T 66 09 HC$ 2.00 MF$ 0.50

ELECTRON TUBES, FAILURE(ELECTRONICS)
A STUDY OF VOLTAGE BREAKDOWN PHENOMENA IN THE MODULATING ANODE REGION OF HIGH-POWER MICROWAVE TUBES.
AD-630 250 9A T 66 09 HC$ 9.60 MF$ 0.75

ELECTRONIC EQUIPMENT, CALIBRATION
WAVEGUIDE ISOLATORS FREQUENCY RANGE, 2.6 TO 26.5 GHZ.
PB-169 422 9A U 41 10 HC$ 4.60 MF$ 0.50

ELECTRONIC EQUIPMENT, NOISE(RADIO)
NOISE MEASUREMENTS AS A TOOL IN ELECTRON DEVICE RESEARCH.
AD-629 781 9C T 66 09 HC$ 3.00 MF$ 0.75

ELECTRONIC EQUIPMENT, RADIATION DAMAGE
STUDY OF EFFECT OF HIGH-INTENSITY PULSED NUCLEAR RADIATION ON ELECTRONICS PARTS AND MATERIALS (SCORE).
AD-461 486 9A U 41 09 HC$ 4.60

ELECTRONIC EQUIPMENT, TROPICAL TESTS
LABORATORY TEST PROCEDURES FOR PREDICTING THE TROPICAL SERVICE LIFE OF ELECTRONIC COM- PONENTS AND MATERIALS.
PB-169 579 9A U 41 10 HC$ 6.60

ELECTRONIC RECORDING SYSTEMS, ANTENNA RADIATION PATTERNS
INVESTIGATION OF PRECISION ANTENNA PATTERN RECORDING AND DISPLAY TECHNIQUES. PHASE II.
AD-630 124 20N T 66 09 HC$ 5.00 MF$ 1.00

ELECTRONIC SWITCHES, CALIBRATION
SOLID STATE STEPPING SWITCH.
PATENT 3,237,029 9A U 41 10

ELECTRONIC SWITCHES, MICROWAVE FREQUENCY
RAPID-ACTION SWITCH FOR 30-CENTIMETER WAVE,
AD-630 280 9E T 66 09 HC$ 1.00 MF$ 0.50

ELECTRONIC SWITCHES, PHOTONS
PHOTON-ACTUATED MULTIPLEX SWITCH DEVELOPMENT,
N66-15017 9A U 41 10 HC$ 2.00 MF$ 0.50

ELECTRONIC SWITCHES, SEMICONDUCTOR DEVICES
HIGH SPEED SEMICONDUCTOR SWITCH (TWO TERMINAL) AND HIGH SPEED SEMICONDUCTOR SWITCH (GATE).
AD-631 064 9A T 66 10 HC$ 2.00 MF$ 0.50

ELECTRONIC TECHNICIANS, TRAINING
THE DEVELOPMENT OF TRAINING PROGRAMS FOR FIRST ENLISTMENT PERSONNEL IN ELECTRONICS MAINTENANCE MOS'S. III. HOW TO DESIGN THE HANDBOOK MATERIALS.
AD-631 069 5I T 66 10 HC$ 4.60 MF$ 0.50

ELECTRONICS, CIVIL ENGINEERING
CONFERENCE ON IMPROVED HIGHWAY ENGINEERING PRODUCTIVITY, MAY 19-21, 1965, PROCEEDINGS.
PB-169 406 13B U 41 09 HC$ 8.85 MF$ 2.50

ELECTRONS, DEUTERIUM REACTIONS
ELASTIC SCATTERING OF HIGH ENERGY ELECTRONS FROM DEUTERIUM.
AD-630 624 20H T 66 10 HC$25.60 MF$ 1.25

ELECTRONS, DIFFUSION
DIFFUSION OF LOW ENERGY AURORAL ELECTRONS IN THE ATMOSPHERE,
N66-13086 4A U 41 09 HC$ 2.00 MF$ 0.50

ELECTRONS, HYPERSONIC FLOW
PLASMA FREQUENCY AND ELECTRON COLLISION FREQUENCY CHARTS FOR HYPERSONIC VEHICLE EQUILIBRIUM FLOW FIELDS IN AIR.
AD-294 472 1A U 41 10 HC$ 1.00

ELECTRONS, NUCLEAR SCATTERING
CALCULATIONS IN ATOMIC SCATTERING PROBLEMS AND ATOMIC STRUCTURE.
AD-630 172 7D T 66 09 HC$ 1.10 MF$ 0.50

HIGH-ENERGY ELECTRON SCATTERING AS A TEST OF THE NUCLEAR CLUSTER MODEL,
AD-631 176 20H T 66 10 HC$ 1.60 MF$ 0.50

ELECTRONS, PHOTONUCLEAR REACTIONS
ELECTRODISINTEGRATION OF NUCLEI BY POSITRONS AND ELECTRONS,
AD-630 180 20H T 66 09

ELECTRONS, PHYSICAL PROPERTIES
THE MEASUREMENTS OF E/M, AN ANNOTATED BIBLIOGRAPHY.
AD-630 602 20H T 66 10 HC$ 5.60 MF$ 0.50

ELECTRONS, PRODUCTION
PRODUCTION SPECTRUM OF HIGH ENERGY ELECTRONS FROM HIGH ENERGY COSMIC RAY COLLISIONS,
N66-13638 20H U 41 09 HC$ 2.00 MF$ 0.50

ELECTRONS, SCATTERING
ADIABATIC EXCHANGE APPROXIMATION IN ELECTRON SCATTERING FROM MULTI-ELECTRON ATOMS,
N66-12862 20H U 41 09 HC$ 2.00 MF$ 0.50

ELECTRONS, UPPER ATMOSPHERE
OUTER ZONE ELECTRONS,
N66-13077 22C U 41 09 HC$ 2.00 MF$ 0.50

ELECTROOPTICS, AURORAE
APPLICATION OF ELECTRO-OPTICS TO AURORAL STUDIES. PHASE II.
AD-631 048 4A T 66 10 HC$ 5.60 MF$ 0.50

ELECTROSTATIC PRECIPITATION, MICROORGANISMS
ELECTROHYDRODYNAMIC REMOVAL OF MICROORGANISMS FROM HYDROCARBON FUELS.
AD-630 889 13K T 66 10 HC$ 4.00 MF$ 1.00

ELECTROSTRICTION, MASERS
BASIC EQUATIONS AND CONSERVATION THEOREMS FOR THE ELECTROSTRICTION PHONON MASER,
AD-630 497 20E T 66 09

ELEMENTARY PARTICLES, CASCADE STRUCTURE
CALCULATION OF THE NUCLEON-MESON CASCADE IN IRON INITIATED BY 1- AND 3-GEV PROTONS AND COMPARISON WITH EXPERIMENT,
ORNL-3852 20H U 41 10 HC$ 1.00 MF$ 0.50

ELEMENTARY PARTICLES, ENERGY
VARIATIONAL PRINCIPLE FOR THE ENERGY OF QUASISTATIONARY STATES,
AD-631 013 20J T 66 10 HC$ 1.10 MF$ 0.50

ELEMENTARY PARTICLES, FIELD THEORY
RENORMALIZATION EFFECTS AND THE CABIBBO ANGLE,
AD-630 402 20J T 66 09

ELEMENTARY PARTICLES, MOMENTUM
USE OF ANGULAR-MOMENTUM TENSORS,
AD-630 308 20H T 66 09

ELEMENTARY PARTICLES, NUCLEAR STRUCTURE
REDUCTION OF REPRESENTATIONS OF SU(MN) WITH RESPECT TO THE SUBGROUP SUM, SUN,
NYO-3399-09 20H U 41 09 HC$ 3.00 MF$ 0.50

ELEMENTARY PARTICLES, PHYSICAL PROPERTIES
PHYSICAL PROPERTIES OF QUARKS,
AD-630 363 20J T 66 09

ELEMENTARY PARTICLES, QUANTUM MECHANICS
TWO INEQUALITIES FOR CLASSICAL AND QUANTUM SYSTEMS OF PARTICLES WITH HARD CORES,
AD-629 815 20H T 66 09

COMPLEX LORENTZ GROUP WITH A REAL METRIC: GROUP STRUCTURE.
AD-630 583 20H T 66 10

ELEMENTARY PARTICLES, RELATIVITY THEORY
INTRINSICALLY BROKEN (THE PRODUCT OF) U(6) (AND) U(6) SYMMETRY FOR STRONG INTERACTIONS. II,
AD-630 508 20J T 66 09

INTRINSICALLY BROKEN (THE PRODUCT OF) U(6) (AND) U(6) SYMMETRY FOR STRONG INTERACTIONS,
AD-630 509 20J T 66 09

ELEMENTARY PARTICLES, SCATTERING
VORTICES IN AN IMPERFECT BOSEGAS. III. SCATTERING OF SINGLE PARTICLE EXCITATIONS,
AD-630 279 20J T 66 09

ELEMENTARY PARTICLES, TRANSFORMATIONS
GENERALIZED GOLDSTONE THEOREM,
AD-630 140 20J T 66 09

ELEVONS, SPACECRAFT
DEVELOPMENT TEST SUMMARY IN SUPPORT OF X-20 ELEVON STRUCTURAL TEST PROGRAM.
AD-630 463 22B T 66 09 HC$ 2.00 MF$ 0.50

ELLESMERE ISLAND, WIND
THE VERTICAL PROFILE OF WIND AT LAKE HAZEN, N.W.T.,
AD-630 513 4B T 66 09

ELLIPSOIDS, STABILITY
THE EQUILIBRIUM AND THE STABILITY OF THE RIEMANN ELLIPSOIDS. I.
AD-630 173 3B T 66 09

EMPLOYMENT, MOTIVATION
CONCERN WITH MASTERY AND OCCUPATIONAL ATTRACTION,
AD-630 965 5J T 66 10

ENCAPSULATION, EPOXY PLASTICS
EFFECT OF WATER ABSORPTION ON DIMENSIONAL STABILITY OF ELECTRIC MOTOR ENCAPSULATING MATERIALS.
AD-630 566 11I T 66 10 HC$ 1.60 MF$ 0.50

ENDOCRINE GLANDS, CARDIO VASCULAR SYSTEM
ROLE OF THE NERVOUS, ENDOCRINE AND RENAL SYSTEMS IN CARDIOVASCULAR REGULATION,
AD-630 053 6P T 66 09

ENERGY, STORAGE
THERMAL-ENERGY-STORAGE SUPPORTING RESEARCH.
N66-12998 10C U 41 09 HC$ 3.00 MF$ 0.75

ENERGY, TRANSPORT PROPERTIES
A DISCUSSION OF ENERGY AND MOMENTUM TRANSFER IN GAS-SURFACE INTERACTIONS.
AD-630 522 20D T 66 10 HC$ 3.00 MF$ 0.75

ENGINEERING GEOLOGY, NUCLEAR EXPLOSIONS
FEASIBILITY OF MODELING CAVITY BEHAVIOR IN JOINTED ROCK MASSES.
AD-631 028 18C T 66 10 HC$14.60 MF$ 1.00

ENGINEERING PERSONNEL, PERFORMANCE(ENGINEERING)
SHIFT CREW PERFORMANCE EVALUATION AT NUCLEAR TEST REACTORS,
IDO-17131 18M U 41 10 HC$ 1.00 MF$ 0.50

ENGINEERING PERSONNEL, ROADS
STUDY OF THE EFFECTIVENESS OF THE TRAINING PROGRAM FOR GRADUATE ENGINEERS, VIRGINIA DEPARTMENT OF HIGHWAYS,
PB-169 504 5I U 41 10 HC$ 6.00 MF$ 1.25

ENGINEERING, CANADA
RESEARCH INSTITUTIONS IN SCIENCE AND ENGINEERING,
AD-629 979 5A T 66 09

ENGINEERING, PROBLEM SOLVING
THE DECOMPOSITION PRINCIPLE IN ENGINEERING PROBLEMS: TOWARDS A MULTI-LEVEL CONCEPT OF PROBLEM-SOLVING. I.
AD-630 942 12B T 66 10 HC$ 1.60 MF$ 0.50

THE DECOMPOSITION PRINCIPLE IN ENGINEERING PROBLEMS: TOWARDS A MULTI-LEVEL CONCEPT OF PROBLEM SOLVING.
AD-630 943 12B T 66 10 HC$ 2.60 MF$ 0.50

ENGINEERING, SCIENTIFIC RESEARCH
GENERAL RESEARCH.
AD-630 918 5A T 66 10 HC$ 6.60 MF$ 0.75

ENGINEERING, USSR
PROTECTIVE STRUCTURES AND COMPONENTS: COMPILATION OF ABSTRACTS.
AD-630 325 5A T 66 09 HC$ 2.00 MF$ 0.50

ENRICHED FUEL REACTORS, URANIUM
SPECTRAL INDICES OF A 4.29 PER CENT 235 U -ENRICHED URANIUM METAL EXPONENTIAL COLUMN,
LA-3406 18K U 41 09 HC$ 2.00 MF$ 0.50

ENTHALPY, SPINELS
HIGH-TEMPERATURE CALORIMETRY IN LIQUID OXIDE SYSTEMS. III. THE ENTHALPY OF FORMATION OF MAGNESIUM-ALUMINUM SPINEL,
AD-630 002 7D T 66 09

ENVIRONMENT, REVIEWS
CBE FACTORS: MONTHLY SURVEY NO. 3.
AD-630 802 15A T 66 10 HC$ 3.00 MF$ 0.75

ENZYME INHIBITORS, POISONING
STUDIES ON MECHANISMS OF TRYPTOPHAN PYRROLASE INHIBITION DURING ENDOTOXIN POISONING.
AD-630 134 6T T 66 09 HC$ 1.00 MF$ 0.50

ENZYMES, PURIFICATION
NADH PEROXIDASE.
ORNL-P-1212 6A U 41 09 HC$ 2.00 MF$ 0.50

ENZYMES, RADIATION EFFECTS
MOUSE THYMOCYTE BETA-GLUCURONIDASE ACTIVITY AFTER WHOLE-BODY X-IRRADIATION,
AD-468 695 6R U 41 10 HC$ 1.00 MF$ 0.50

ENZYMES, RADIOPROTECTIVE AGENTS
AN ENZYMATIC EVALUATION OF THIOL RADIOPROTECTORS,
AD-630 791 6O T 66 10

EPIDEMIOLOGY, STOCHASTIC PROCESSES
ON A PARTIAL DIFFERENTIAL EQUATION OF EPIDEMIC THEORY. I,
AD-631 051 12A T 66 10

EPLOSIVE MATERIALS, CASTING
AMMUNITION LOADING TECHNIQUES,
AD-630 358 19A T 66 09 HC$ 1.60 MF$ 0.50

EPOXY PLASTICS, ABLATION
A CORRELATION OF POLYMERIC STRUCTURE TO ABLATIVE PROPERTIES.
AD-467 049 11I U 41 10 HC$ 2.00 MF$ 0.50

EPOXY PLASTICS, ENCAPSULATION
EFFECT OF WATER ABSORPTION ON DIMENSIONAL STABILITY OF ELECTRIC MOTOR ENCAPSULATING MATERIALS.
AD-630 566 11I T 66 10 HC$ 1.60 MF$ 0.50

EPOXY PLASTICS, SPECTRA(INFRARED)
INFRARED ANALYSIS OF THE POLYMERIZATION AND LONG-TERM STABILITY OF EPOXY RESINS.
AD-466 612 11I U 41 09 HC$ 1.00 MF$ 0.50

EQUATIONS OF MOTION, FLIGHT
ESTIMATION OF FLIGHT PERFORMANCE WITH CLOSED-FORM APPROXIMATIONS TO THE EQUATIONS OF MOTION,
N66-15200 1C U 41 09 HC$ 2.00 MF$ 0.50

EQUATIONS OF MOTION, INTEGRATION
THE PRECESSING SYSTEM OF REFERENCE,
AD-631 091 12A T 66 10

EQUATIONS OF MOTION, OPTICS
ENERGY IDENTITIES FOR THE WAVE EQUATION,
AD-630 506 20F T 66 09 HC$ 2.60 MF$ 0.50

EQUATIONS OF MOTION, RELATIVITY THEORY
THE POST-NEWTONIAN EQUATIONS OF HYDRODYNAMICS IN GENERAL RELATIVITY. THE POSTNEWTONIAN EFFECTS OF GENERAL RELATIVITY ON THE EQUILIBRIUM OF UNIFORMLY ROTATING BODIES. I. THE MACLAURIN SPHEROIDS AND THE VIRIAL THEOREM. THE STABILITY OF GASEOUS MASSES FOR RADIAL AND NON-RADIAL OSCILLATIONS IN THE POST-NEWTONIAN APPROXIMATION OF GENERAL RELATIVITY,
AD-630 174 3B T 66 09

EQUATIONS OF MOTION, SOLIDS
A GENERAL EQUATION OF MOTION FOR RIGID BODIES IN INCOMPRESSIBLE FLUIDS.
AD-630 085 20K T 66 09 HC$ 3.00 MF$ 0.50

EQUATIONS OF MOTION, TORPEDOES
MOTION EQUATIONS FOR TORPEDOES,
PB-169 202 19H U 41 10 HC$ 3.00 MF$ 0.75

EQUATIONS OF STATE, FLUID FLOW
ON CONSTITUTIVE EQUATIONS FOR FLOW OF FLUID THROUGH AN ELASTIC SOLID.
AD-630 772 20D T 66 10 HC$ 4.60 MF$ 0.50

EQUATIONS OF STATE, POTENTIAL THEORY
VAN DER WAALS WIGGLES, MAXWELL RULE AND TEMPERATURE-DEPENDENT EXCITATIONS.
AD-629 888 20M T 66 09 HC$ 2.00 MF$ 0.50

EQUATIONS OF STATE, THERMODYNAMICS
THE CALCULATION OF VAPOR-LIQUID-EQUILIBRIA FROM AN EQUATION OF STATE,
UCRL-16407 20M U 41 09 HC$ 3.00 MF$ 0.50

EROSION, CAVITATION
SCALE EFFECT OF CAVITATION EROSION,
AD-630 875 20D T 66 10 HC$ 2.60 MF$ 0.50

EROSION, MOUNTAINS
MASS-MOVEMENT IN CONTRASTING LATITUDES.
AD-630 023 8G T 66 09

EROSION, ROADS
ROADSIDE DEVELOPMENT,
PB-169 466 13B U 41 10 HC$ 5.60 MF$ 0.75

ERRORS, SPECIAL PURPOSE COMPUTERS
ERROR ANALYSIS OF BINARY RATE MULTIPLIER.
N66-12155 9B U 41 09 HC$ 2.00 MF$ 0.50

ERYTHROCYTES, IMMUNITY
A TRANSPLANTATION ASSAY FOR MOUSE CELLS RESPONSIVE TO ANTIGENIC STIMULATION BY SHEEP ERYTHROCYTES,
AD-630 954 6P T 66 10

ESCHERICHIA COLI, RADIATION EFFECTS
PROGRESS REPORT ON MECHANISM OF LETHAL AND MUTAGENIC ACTION OF IONIZING RADIATION IN E. COLI AND YEAST.
TID-21591 6R U 41 09 HC$ 1.00 MF$ 0.50

ESTERS, SYNTHESIS(CHEMISTRY)
CHEMICAL SYNTHESIS OF MONOMERIC SELF-SEALANT TYPE ESTERS.
N66-14969 7C U 41 10 HC$ 2.00 MF$ 0.50

EUROPIUM, ABSORPTION SPECTRUM
ELECTRONIC SPECTRA OF SOLUTIONS OF EUROPIUM AND YTTERBIUM IN LIQUID AMMONIA,
AD-630 495 7D T 66 09

EUTECTICS, TRANSPORT PROPERTIES
PHASE CHANGES AND ELECTRICAL CONDUCTIVITY OF CONCENTRATED LITHIUM-AMMONIA SOLUTIONS AND THE SOLID EUTECTIC,
AD-630 181 7D T 66 09

EVAPORATION, COMPUTERS(PRO GRAMMING)
AEROTHERMOCHEMICAL ANALYSIS OF NONOSCILLATORY AND OSCILLATORY CHARACTERISTICS OF LIQUID BIPROPELLANT ROCKET MOTORS - WAVE MODEL, DROPLET HEATING, AND EVAPORATION PROGRAM COMPUTATION.
N66-13083 21I U 41 09 HC$ 1.00 MF$ 0.50

EVAPORATION, DROPS
CREEPING FLOW SOLUTION OF THE LEIDENFROST PHENOMENON.
N66-12253 20M U 41 09 HC$ 1.00 MF$ 0.50

EXCHANGE REACTIONS, ELECTROLYSIS
A STUDY OF THE ADSORPTION MECHANISMS ON OXYGEN ELECTRODES.
AD-442 413 7D U 41 10 HC$ 8.60

EXCHANGE REACTION, REACTION KINETICS
NMR METHODS FOR DETERMINING CHEMICAL EXCHANGE RATES.
AD-630 077 7D T 66 09 HC$ 3.60 MF$ 0.50

EXCITATION, FERROMAGNETIC MATERIALS
DYNAMICAL PROPERTIES OF INDUCED-MOMENT SYSTEMS.
AD-630 083 20L T 66 09

EXCITATION, HYDROGEN
HIGH-ENERGY CROSS SECTIONS FOR ELECTRON EXCITATIONS OF EXCITED HYDROGEN ATOMS IN WHICH THE PRINCIPAL QUANTUM NUMBER IS CHANGED BY 1.
AD-630 157 7D T 66 09

EXCITATION, TEMPERATURE
VAN DER WAALS WIGGLES, MAXWELL RULE AND TEMPERATURE-DEPENDENT EXCITATIONS.
AD-629 888 20M T 66 09 HC$ 2.00 MF$ 0.50

EXERCISE, ENERGY
STUDIES ON THE ENERGY COST OF LEVEL CROSS -COUNTRY TRAVEL IN THE ARCTIC.
AD-475 559 6S U 41 10 HC$ 1.00 MF$ 0.50

EXERCISE, PULSE RATE
IMPROVEMENTS IN RECORDING HEART RATE DURING EXERCISE IN THE PERSPIRING SUBJECT.
AD-631 142 6E T 66 10 HC$ 2.60 MF$ 0.50

EXHAUST GASES, ROCKETS
AN INSTRUMENTATION SYSTEM TO STUDY ROCKET EXHAUST PLUME RADIATIVE PROCESSES.
N66-13164 14B U 41 09 HC$ 4.00 MF$ 1.00

EXHAUST GASES, TEMPERATURE
METHOD OF MEASURING THE TEMPERATURE FIELD OF A STREAM OF EXHAUST GASES,
AD-630 272 21E T 66 09 HC$ 1.10 MF$ 0.50

EXHAUST PIPES, EFFECTIVENESS
INCREASING THE EFFICIENCY OF TURBINE EXHAUST PIPE,
AD-631 172 21E T 66 10 HC$ 1.00 MF$ 0.50

EXOSPHERE, ANALYSIS
ECCENTRIC GEOPHYSICAL-OBSERVATORY SATELLITE S-49 WITH INTERPRETATION OF THE RADIO-BEACON EXPERIMENT.
N66-12993 4A U 41 09 HC$ 1.00 MF$ 0.75

EXPANDABLE STRUCTURES, SHELTERS
RESEARCH AND EXPERIMENTATION ON UNIQUE EXPANDABLE SHELTER CONCEPTS FOR LIMITED WAR APPLICATIONS.
AD-630 635 13M T 66 10 HC$ 4.00 MF$ 1.00

EXPANDED PLASTICS, SHELTERS
RESEARCH AND EXPERIMENTATION ON UNIQUE EXPANDABLE SHELTER CONCEPTS FOR LIMITED WAR APPLICATIONS.
AD-630 635 13M T 66 10 HC$ 4.00 MF$ 1.00

EXPLOSION GASES, CHEMICAL ANALYSIS
CALCULATION OF THE COMPOSITION OF THE PRODUCTS OF DETONATION AND DETONATION PARAMETERS OF CONDENSED EXPLOSIVES,
AD-629 864 19D T 66 09 HC$ 1.00 MF$ 0.50

EXPLOSIONS, LIQUID JETS
CAVITIES AND MICRO MUNRO JETS IN LIQUIDS: THEIR ROLE IN EXPLOSION,
AD-631 103 19D T 66 10

EXPLOSIONS, MECHANICS
SENSITIVITY OF EXPLOSIVES TO MECHANICAL EFFECTS AND METHODS OF INCREASING THEIR STABILITY,
AD-630 026 19A T 66 09 HC$ 1.00 MF$ 0.50

EXPLOSIVE DECOMPRESSION, TOLERANCES (PHYSIOLOGY)
THE RATE AND MAGNITUDE OF EXPLOSIVE DECOM- PRESSION REQUIRED TO PRODUCE LETHAL EFFECTS IN ALBINO RATS.
AD-468 313 6S U 41 10 HC$ 1.00 MF$ 0.50

EXPLOSIVE EFFECTS, METAL PLATES
LARGE DEFLECTIONS IN CLAMPED CIRCULAR PLATES.
AD-630 592 19D T 66 10 HC$ 2.00 MF$ 0.50

EXPLOSIVE GASES, FLAME PROPAGATION
DYNAMICS OF THE GENERATION OF PRESSURE WAVES BY ACCELERATING FLAMES,
AD-631 159 21B T 66 10

EXPLOSIVE INITIATORS, ELECTROMAGNETIC FIELDS
DETERMINATION OF RESPONSES OF PROTECTED AND UNPROTECTED ELECTRIC INITIATORS TO ELECTRICAL STIMULI. A FRANKLIN INSTITUTE 34.5 CM FERRITE ATTENUATOR.
AD-467 628 19A U 41 10 HC$ 3.60 MF$ 0.50

DETERMINATION OF RESPONSES OF PROTECTED AND UNPROTECTED ELECTRIC INITIATORS TO ELECTRICAL STIMULI. WESTON 50-WATT LOW BANDPASS TRANSFORMER.
AD-468 174 19A U 41 10 HC$ 3.60 MF$ 0.50

DETERMINATION OF RESPONSES OF PROTECTED AND UNPROTECTED ELECTRIC INITIATORS TO ELEC- TRICAL STIMULI.
AD-468 317 19A U 41 10 HC$ 6.60 MF$ 0.75

EXPLOSIVE INITIATORS, ELECTROMAGNETIC YIELDS
DETERMINATION OF RESPONSES OF PROTECTED AND UNPROTECTED ELECTRIC INITIATORS TO ELECTRICAL STIMULI, THEORY, PARAMETERS AND MEASUREMENT METHODS.
AD-467 538 19A U 41 10 HC$ 8.60 MF$ 0.75

EXPLOSIVE MATERIALS, COMPATIBILITY
STUDY PROPERTIES OF TETRAMMINO CUPRIC NITRATE.
AD-629 884 19A T 66 09 HC$ 1.60 MF$ 0.50

EXPLOSIVE MATERIALS, DETONATIONS
THE THEORY OF DETONATION, THE COMBUSTION MECHANISM, AND THE PROPERTIES OF EXPLOSIVES: COMPILATION OF ABSTRACTS.
AD-629 780 19A T 66 09 HC$ 1.00 MF$ 0.50

EXPLOSIVE MATERIALS, DRYING
INDUSTRIAL PREPAREDNESS MEASURE: STUDY OF IMPROVED METHODS OF DRYING CASTING POWDER.
AD-464 534 19A U 41 09 HC$ 4.00

EXPLOSIVE MATERIALS, STABILITY
SENSITIVITY OF EXPLOSIVES TO MECHANICAL EFFECTS AND METHODS OF INCREASING THEIR STABILITY,
AD-630 026 19A T 66 09 HC$ 1.00 MF$ 0.50

EXPLOSIVES INITIATORS, HAZARDS
APPLICATION OF NEW TECHNIQUES FOR IDENTIFICATION OF HERO VARIABLES.
AD-630 988 19A T 66 10 HC$15.60 MF$ 1.00

EXPLOSIVES INITIATORS, SIMULATORS
SQUIB SIMULATOR.
PATENT 3,229,123 19A U 41 10

EXTRATERRESTRIAL RADIO WAVES, MEASUREMENT
MEASUREMENT OF LONG-WAVELENGTH COSMIC NOISE BY ZERO-CROSSING INTERFEROMETRIC APERTURE SYNTHESIS.
AD-630 628 3B T 66 10 HC$ 2.00 MF$ 0.50

EXTRATERRESTRIAL RADIO WAVES, RADIO ASTRONOMY
LONG WAVELENGTH INVESTIGATIONS OF SOLAR, PLANETARY, AND GALAXY EMISSIONS.
N66-13501 3B U 41 09 HC$ 1.00 MF$ 0.50

EYE, EXERCISE
EMPTY VISUAL FIELD STUDIES: SOME EFFECTS OF CORRECTIVE LENSES, FILTERS, AND STRUCTURE.
AD-445 863 6S U 41 09 HC$ 2.60

EYE, MILITARY MEDICINE
CURRENT UNITED STATES AIR FORCE POLICY ON GLAUCOMA,
AD-630 480 6E T 66 09

EYE, ORGANIC PIGMENTS
FURTHER STUDIES ON PIGMENT MIGRATION AND SENSITIVITY CHANGES IN THE COMPOUND EYE OF NOCTURNAL INSECTS,
AD-630 186 6P T 66 09

EYE, PATHOLOGY
DIRECT RUPTURE OF THE CHOROID,
AD-630 383 6E T 66 09

FACSIMILE TRANSMISSION, OPTICAL IMAGES
RESEARCH INVESTIGATIONS ON PHOTO FACSIMILE TRANSMISSION TECHNIQUES.
AD-408 973 17B U 41 10 HC$ 7.60

FALLOUT SHELTERS, CONFIGURATION
DETERMINATION OF SHELTER CONFIGURATION FOR VENTILATION.
AD-629 928 13M T 66 09 HC$ 1.10 MF$ 0.50

FALLOUT SHELTERS, MANAGEMENT ENGINEER ING
INTEGRATED GUIDANCE FOR SHELTER MANAGE- MENT. INTRODUCTION TO SHELTER MANAGEMENT.
AD-630 016 5A T 66 09 HC$ 1.00 MF$ 0.50

FALLOUT SHELTERS, MANAGEMENT ENGINEERING
INTEGRATED GUIDANCE FOR SHELTER MANAGEMENT. THE SELECTION AND RECRUITMENT OF SHELTER MANAGERS.
AD-629 914 5A T 66 09 HC$ 8.60 MF$ 0.75

AD-629 915 5A T 66 09 HC$ 1.10 MF$ 0.50

INTEGRATED GUIDANCE FOR SHELTER MANAGEMENT. PLANNING A GROUP SHELTER.
AD-629 926 5A T 66 09 HC$ 2.00 MF$ 0.50

AD-629 927 5A T 66 09 HC$ 1.00 MF$ 0.50

INTEGRATED GUIDANCE FOR SHELTER MANAGEMENT. SHELTER MANAGER'S GUIDE.
AD-629 935 5A T 66 09 HC$ 2.00 MF$ 0.50

INTEGRATED GUIDANCE FOR SHELTER MANAGEMENT. VOLUME I. INTRODUCTION TO SHELTER MANAGEMENT,
AD-629 939 5A T 66 09 HC$ 6.00 MF$ 1.50

INTEGRATED GUIDANCE FOR SHELTER MANAGEMENT. VOLUME II. PLANNING A GROUP SHELTER.
AD-629 940 5A T 66 09 HC$ 5.00 MF$ 1.00

INTEGRATED GUIDANCE FOR SHELTER MANAGEMENT. VOLUME III. SHELTER MANAGER'S GUIDE.
AD-629 941 5A T 66 09 HC$ 6.00 MF$ 1.25

INTEGRATED GUIDANCE FOR SHELTER MANAGE- MENT. INTRODUCTION TO SHELTER MANAGEMENT.
AD-630 015 5A T 66 09 HC$ 1.00 MF$ 0.50

INTEGRATED GUIDANCE FOR SHELTER MANAGEMENT. SHELTER MANAGER'S GUIDE.
AD-630 052 5A T 66 09 HC$ 1.00 MF$ 0.50

FALLOUT SHELTERS, VENTILATION
EXPERIMENTAL STUDIES OF FALLOUT SHELTER VENTILATION REQUIREMENTS.
AD-630 423 18F T 66 09 HC$ 3.00 MF$ 0.50

FASTEN INGS, CARTRIDGES
CARTRIDGE RETAINING DEVICE FOR LIPLESS MAGAZINES.
PATENT 3,235,995 19F U 41 10

FASTENINGS, SPACECRAFT
EVALUATION OF FASTENERS AND FASTENER MATERIALS FOR SPACE VEHICLES,
N66-14784 13E U 41 09 HC$ 7.00 MF$ 2.25

FATIGUE(MECHANICS), ALUMINUM ALLOYS
FATIGUE AND NOTCH BEND PROPERTIES OF HIGH-STRENGTH ALUMINUM ALLOYS.
AD-630 563 11F T 66 10 HC$ 2.60 MF$ 0.50

FATIGUE(MECHANICS, ALLOYS
FATIGUE CRACK PROPAGATION IN AIRCRAFT MATERIALS,
AD-630 926 20K T 66 10 HC$ 3.00 MF$ 0.75

FATIGUE(PHYSIOLOGY), RECOVERY
RECOVERY FROM THE EFFECTS OF ISOMETRIC MUSCLE CONTRACTIONS,
AD-630 645 6P T 66 10

FATTY ACIDESTERS, NEUTRON BOMBARDMENT
A STUDY OF THE FAST NEUTRON-INDUCED GELATION OF TRIETHYLENE GLYCOL DIMETHACRYLATE USING 14-MEV NEUTRONS.
AD-630 891 7E T 66 10 HC$ 2.00 MF$ 0.50

FATTY ACIDS, METABOLISM
FREE FATTY ACID METABOLISM IN CHINESE HAMSTERS,
AD-630 977 6P T 66 10

FEED MECHANISMS, CARTRIDGES
CARTRIDGE RETAINING DEVICE FOR LIPLESS MAGAZINES.
PATENT 3,235,995 19F U 41 10

FEEDBACK, COMMUNICATION SYSTEMS
THE TRANSMISSION CYCLE PARAMETER IN FEEDBACK COMMUNICATION SYSTEMS.
AD-630 560 9D T 66 10 HC$ 2.00 MF$ 0.50

FEMALES, MARINE CORPS
EVALUATION OF PHYSICAL FITNESS PROGRAM FOR WOMEN MARINES.
AD-631 143 6N T 66 10 HC$ 4.60 MF$ 0.50

FERMIONS, CORRELATION TECHNIQUES
OPTIMAL VARIATIONAL METHOD FOR PAIR CORRELATIONS IN MANY-FERMION SYSTEMS,
AD-630 375 20J T 66 09

FERMIONS, MATHEMATICAL MODELS
EXACT SOLUTION OF A MANY-FERMION SYSTEM AND ITS ASSOCIATED BOSON FIELD,
AD-630 221 20J T 66 09

FERMIONS, PHASE STUDIES
PHASE TRANSITIONS IN SYSTEMS OF INTERACTING FERMIONS,
AD-630 377 20J T 66 09

FERMIONS, RELATIVITY THEORY
INTRINSICALLY BROKEN (THE PRODUCT OF) U(6) (AND) U(6) SYMMETRY FOR STRONG INTERACTIONS. II,
AD-630 508 20J T 66 09

INTRINSICALLY BROKEN (THE PRODUCT OF) U(6) (AND) U(6) SYMMETRY FOR STRONG INTERACTIONS,
AD-630 509 20J T 66 09

FERRITES, COAXIAL CABLES
FERRITE CABLE CHOKES.
AD-631 053 9A T 66 10 HC$ 2.00 MF$ 0.50

FERROELECTRIC CRYSTALS, MANUFACTURING METHODS
PRODUCTION ENGINEERING MEASURE YIG SPHERES AND LIMITERS.
AD-630 317 9A T 66 09 HC$ 3.00 MF$ 0.50

FERROMAGNETIC MATERIALS, EXCITATION
DYNAMICAL PROPERTIES OF INDUCED-MOMENT SYSTEMS.
AD-630 083 20L T 66 09

FERROMAGNETIC MATERIALS, FILMS
CHEMICALLY DEPOSITED YTTRIUM-IRON-GARNET FILMS.
AD-630 341 20C T 66 09 HC$ 1.60 MF$ 0.50

FIBERS(SYNTHETIC), COMPOSITE MATERIALS
REPORT OF THE AD HOC COMMITTEE ON INTERFACE PROBLEMS IN FIBROUS COMPOSITES.
AD-630 256 11D T 66 09 HC$ 3.00 MF$ 0.50

FIELD EMISSION, TUNGSTEN
INVESTIGATION OF ELECTRON EMISSION CHARACTERISTICS OF LOW WORK FUNCTION SURFACES.
N66-12853 20L U 41 09 HC$ 2.00 MF$ 0.50

FIELD THEORY, DIELECTRICS
THE FIELD ALONG THE SURFACE OF A GROUNDED DIELECTRIC SLAB COVERED BY A PERIODICALLY SLOTTED CONDUCTING PLANE.
AD-630 003 20N T 66 09 HC$ 3.60 MF$ 0.50

FIELD THEORY, ELEMENTARY PARTICLES
POLES IN THE VERTEX FUNCTION, ZEROS OF THE PROPAGATOR, AND BOUNDS ON COUPLING CONSTANTS,
AD-630 361 20H T 66 09

RENORMALIZATION EFFECTS AND THE CABIBBO ANGLE,
AD-630 402 20J T 66 09

FIELD THEORY, EQUATIONS
GENERALIZED GOLDSTONE THEOREM,
AD-630 140 20J T 66 09

ALL HOMOGENEOUS SOLUTIONS OF EINSTEIN'S FIELD EQUATIONS WITH INCOHERENT MATTER AND ELECTROMAGNETIC RADIATION,
AD-630 236 20J T 66 09

NEW HOMOGENEOUS SOLUTIONS OF EINSTEIN'S FIELD EQUATIONS WITH INCOHERENT MATTER OBTAINED BY A SPINOR TECHNIQUE,
AD-630 310 20J T 66 09

FIELD THEORY, FERMIONS
EXACT SOLUTION OF A MANY-FERMION SYSTEM AND ITS ASSOCIATED BOSON FIELD,
AD-630 221 20J T 66 09

FIELD THEORY, GRAVITY
CRITIQUE OF A NEW THEORY OF GRAVITATION,
AD-630 311 20J T 66 09

FIELD THEORY, GROUPS(MATHEMATICS)
SOME SIMPLE CONSEQUENCES OF SU(4) SYMMETRY.
AD-630 362 20H T 66 09

FIELD THEORY, INTEGRALS
SINGULARITIES OF ANALYTIC FUNCTIONS HAVING INTEGRAL REPRESENTATIONS, WITH A REMARK ABOUT THE ELASTIC UNITARITY INTEGRAL,
AD-629 790 12A T 66 09

FIELD THEORY, INVARIANCE
SOME PROPERTIES OF THE QUANTUM LINEARIZED EINSTEIN FIELD,
AD-630 210 20J T 66 09

HOMOGENEOUS SOLUTIONS OF THE EINSTEIN -MAXWELL EQUATIONS,
AD-630 384 20J T 66 09

FIELD THEORY, MATHEMATICAL ANALYSIS
CLASSICAL FIELDS AND GRAVITATION.
AD-467 414 20J U 41 10 HC$ 4.60 MF$ 0.50

FIELD THEORY, MESONS
BROKEN SYMMETRIES AND MASS FORMULAE FOR VECTOR MESONS,
AD-630 225 20H T 66 09

FIELD THEORY, MODEL THEORY
ON A CLASS OF THIRRING MODELS,
AD-630 233 20J T 66 09

FIELD THEORY, MOMENTUM
QUANTUM EFFECTS ON THE ACCURACY OF MOMENTUM MEASUREMENTS,
AD-630 369 20H T 66 09

FIELD THEORY, NUCLEAR SCATTERING
PHASE REPRESENTATION AND HIGH-ENERGY BEHAVIOR OF THE FORWARD SCATTERING AMPLITUDE,
AD-630 365 20H T 66 09

FIELD THEORY, STATISTICAL FUNCTIONS
CORRELATION FUNCTIONS FOR COHERENT FIELDS,
AD-630 079 20C T 66 09

FIELD THEORY, TRANSFORMATIONS(MATHE MATICS)
OPERATOR GAUGE TRANSFORMATIONS,
AD-630 306 20J T 66 09

FIELD THEORY, TRANSPORT PROPERTIES
QUANTUM THEORY OF DYNAMIC MAGNETORESISTANCE.
AD-630 621 20J T 66 10 HC$ 2.60 MF$ 0.50

FIELD THEORY, UPPER ATMOSPHERE
TRANSIT ACCELERATION OF CHARGED PARTICLES IN AN INHOMOGENEOUS ELECTROMAGNETIC FIELD.
AD-630 376 20C T 66 09

FIELD THEORY, WAVE FUNCTIONS
WAVES, NEWTONIAN FIELDS, AND COORDINATE FUNCTIONS,
AD-630 406 20J T 66 09

FIELD THEORY, WAVEGUIDES
AN ALTERNATIE APPROACH TO THE SOLUTION OF A CLASS OF WIENER-HOPF AND RELATED PROBLEMS.
AD-630 011 20C T 66 09 HC$ 3.60 MF$ 0.50

FILAMENT WOUND CONSTRUCTION, COMPOSITE MATERIALS
ELASTIC MATERIAL CONSTANTS OF FILAMENT -WOUND CYLINDERS FABRICATED FROM E-HTS/E787 AND S-HTS/E787 PREPREG ROVINGS.
AD-630 318 11D T 66 09 HC$ 2.00 MF$ 0.50

FILMS, GARNET
CHEMICALLY DEPOSITED YTTRIUM-IRON-GARNET FILMS.
AD-630 341 20C T 66 09 HC$ 1.60 MF$ 0.50

FILMS, OPTICAL PROPERTIES
COMPUTATIONAL METHOD FOR DETERMINING N AND K FOR A THIN FILM FROM THE MEASURED REFLECTANCE, TRANSMITTANCE, AND FILM THICKNESS.
AD-630 014 9B T 66 09

FILTERS (ELECTROMAGNETIC WAVE), RESONATORS
INVESTIGATION OF MICROWAVE DIELECTRIC -RESONATOR FILTERS.
AD-444 150 9A U 41 10 HC$ 3.60

INVESTIGATION OF MICROWAVE DIELECTRIC-RESONATOR FILTERS.
AD-453 421 9E U 41 10 HC$ 4.60

FILTERS -(ELECTROMAGNETIC WAVE), RESONATORS
INVESTIGATION OF MICROWAVE DIELECTRIC -RESONATOR FILTERS.
AD-436 653 9A U 41 10 HC$ 4.60

AD-465 668 9A U 41 10 HC$ 3.60 MF$ 0.50

FINS, GUIDED MISSILES
DOVETAIL LOCKING DEVICE.
PATENT 3,228,335 16D U 41 10

FINS, HEAT TRANSFER
TWO-DIMENSIONAL HEAT TRANSFER IN RADIATING STAINLESS-STEEL-CLAD COPPER FINS.
N66-13019 20M U 41 09 HC$ 1.00 MF$ 0.50

FIRE CONTROL SYSTEMS, IMPACT PREDICTION
HIT PROBABILITY ON A TANK TYPE TARGET.
AD-630 919 19E T 66 10 HC$ 2.60 MF$ 0.50

FIRE SAFETY, WALLS
EFFECT OF WALL LININGS ON FIRE PERFORMANCE WITHIN A PARTIALLY VENTILATED CORRIDOR.
PB-169 090 13L U 41 10 HC$ 2.00 MF$ 0.50

FIREFIGHTING VEHICLES, AVIATION ACCIDENTS
OPERATIONAL TEST AND EVALUATION MB-4 FIRE FIGHTING TRUCK.
AD-442 203 13L U 41 09 HC$ 5.60

FIRE-RESISTANT MATERIALS, HYDRAULIC FLUIDS
SYNTHESIS OF NEW FIRE RESISTANT HYDRAULIC FLUIDS.
AD-467 954 11H U 41 09 HC$ 1.00 MF$ 0.50

FISSION PRODUCTS, CONTAINMENT
SAMPLING AND ANALYSIS OF FISSION PRODUCTS DURING THE LOSS-OF FLUID TEST (LOFT).
IDO-17128 18G U 41 10 HC$ 4.00 MF$ 0.75

FISSION PRODUCTS, NUCLEAR POWER PLANTS
THE PREDICTED FISSION PRODUCT DECAY OF SNAPSHOT I.
NAA-SR-11642 18I U 41 09 HC$ 1.00 MF$ 0.50

FISSION PRODUCTS, RADIOACTIVITY
FISSION FRAGMENT AND NUCLEAR REACTOR IRRADIATION OF METHANE AND METHANE -HYDROCARBON MIXTURES.
TID-21383 7E U 41 09 HC$ 6.00 MF$ 1.50

FIXED RESISTORS, MANUFACTURING METHODS
PRODUCTION ENGINEERING MEASURES FOR HIGH RELIABILITY, FIXED, FILM, PRECISION RESISTORS. QUALITY CONTROL MANUAL.
AD-630 935 9A T 66 10 HC$ 7.00 MF$ 1.50

FLAME PROPAGATION, CHEMICAL REACTIONS
TEMPERATURE AND CONCENTRATION CHANGES IN THE REACTION OF HYDROGEN AND BROMINE IN VARIOUS GAS MIXTURES.
AD-630 829 21B T 66 10 HC$ 1.60 MF$ 0.50

RATE CONSTANTS FOR REACTIONS IN THE HYDROGEN-BROMINE SYSTEM.
AD-630 830 21B T 66 10 HC$ 1.60 MF$ 0.50

CALCULATIONS OF BURNING VELOCITIES FOR HYDROGEN-BROMINE MIXTURES: I. MALLARD-LE CHATELIER EQUATION.
AD-630 831 21B T 66 10 HC$ 1.60 MF$ 0.50

CALCULATIONS OF BURNING VELOCITIES FOR HYDROGEN-BROMINE MIXTURES: II. SQUARE ROOT LAW (TANFORD AND PEASE).
AD-630 832 21B T 66 10 HC$ 2.60 MF$ 0.50

FLAME PROPAGATION, REACTION KINETICS
KINETICS OF LAMINAR PREMIXED METHANE-OXYGEN -NITROGEN FLAMES.
AD-631 104 21B T 66 10

FLAMES, ACCELERATION
DYNAMICS OF THE GENERATION OF PRESSURE WAVES BY ACCELERATING FLAMES.
AD-631 159 21B T 66 10

FLAMES, MASS SPECTRUM
IDENTIFICATION OF NEGATIVE FLAME-IONS.
AD-630 350 21B T 66 09

FLARED AFTERBODIES, HYPERSONIC FLOW
A THEORETICAL AND EXPERIMENTAL STUDY OF HYPERSONIC FLOW OVER FLARED BODIES AT INCIDENCE.
N66-14762 1A U 41 09 HC$ 2.00 MF$ 0.50

FLEXIBLE COUPLINGS, PIPES
INVESTIGATION OF FLEXIBLE PIPING CONNECTIONS.
AD-630 421 13K T 66 09 HC$ 2.60 MF$ 0.50

FLIGHT CONTROL SYSTEMS, GUIDED MISSILES(AIR-TO-UNDERWATER)
AIR-DRAG APPARATUS FOR MISSILES.
PATENT 3,228,634 16D U 41 10

FLIGHT INSTRUMENTS, MOISTUREPROOFING
INVESTIGATION OF THE OCCURRENCE OF CONDENSATION IN FLIGHT INSTRUMENTS.
AD-630 664 1D T 66 10 HC$ 5.60 MF$ 0.75

FLIGHT SIMULATORS, HELI COPTERS
CHANGES IN FLIGHT TRAINEE PERFORMANCE FOLLOWING SYNTHETIC HELICOPTER FLIGHT TRAINING.
AD-630 484 5I T 66 09 HC$ 1.00 MF$ 0.50

FLIGHT SIMULATORS, TESTS
SOME CONSIDERATIONS IN THE USE OF FLIGHT SIMULATORS IN THE SUPERSONIC TRANSPORT PROGRAM.
AD-629 874 1C T 66 09 HC$ 1.60 MF$ 0.50

FLIGHT SIMULATORS, TRAINING DEVICES
OPTIMIZATION OF AERODYNAMIC EQUATIONS.
AD-630 268 20D T 66 09 HC$12.60 MF$ 1.00

FLIGHT TESTING, INSTRUCTION MANUALS
PERFORMANCE TESTING MANUAL, U. S. NAVAL TEST PILOT SCHOOL.
AD-631 147 1B T 66 10 HC$ 6.00 MF$ 1.50

FLOATING BODIES, CONTAINERS
FLEXIBLE FLOATING CONTAINERS FOR MARINE TRANSPORT.
AD-629 876 13J T 66 09 HC$ 1.10 MF$ 0.50

FLOODS, TEXAS
FLOODS ON SMALL STREAMS IN TEXAS.
PB-169 484 8H U 41 10 HC$ 4.00 MF$ 0.75

FLOUR, VEGETABLES
THE USE OF SOY-BEAN AND PEA FLOUR IN THE FERMENT METHOD FOR IMPROVING THE WHEAT BREAD QUALITY.
AD-630 855 6H T 66 10 HC$ 1.60 MF$ 0.50

FLOW CHARTING, TEACHING METHODS
EFFECTIVENESS OF PROGRAMMED INSTRUCTIONAL MATERIALS DESIGNED TO INTEGRATE LOWER-LEVEL SUPPORTING BEHAVIORS INTO HIGHER-LEVEL BEHAVIORS IN A LEARNING PROGRAM FOR COMPUTER FLOW CHART DESIGN.
AD-630 981 5I T 66 10 HC$ 2.00 MF$ 0.50

FLOW FIELDS, BOUNDARY LAYER
EFFECTS OF A MOMENTUM BUFFER REGION ON THE COAXIAL FLOW OF DISSIMILAR GASES.
N66-12156 20D U 41 09 HC$ 1.00 MF$ 0.50

FLOW SEPARATION, INCOMPRESSIBLE FLOW
INCOMPRESSIBLE CAVITY FLOWS IN TWO DIMENSIONS AT LOW REYNOLDS NUMBER.
AD-631 177 20D T 66 10 HC$ 4.60 MF$ 0.50

FLOW SEPARATION, MATHEMATICAL ANALYSIS
CALCULATION OF LAMINAR SEPARATION WITH FREE INTERACTION BY THE METHOD OF INTEGRAL RELATIONS. PART II. TWO-DIMENSIONAL SUPERSONIC NONADIABATIC FLOW AND AXISYM- METRIC SUPERSONIC ADIABATIC AND NON- ADIABATIC FLOWS.
AD-630 765 20D T 66 10 HC$ 9.60 MF$ 0.75

FLOW VISUALIZATION, AERODYNAMICS
A REVIEW OF AIR-FLOW VISUALIZATION BY MEANS OF MIST, SMOKE, AND DUST.
AD-471 882 20D U 41 10 HC$ 3.60 MF$ 0.50

FLOW VISUALIZATION, BUBBLES
THE HYDROGEN-BUBBLE, FLOW-VISUALIZATION TECHNIQUE.
AD-630 468 14B T 66 09 HC$ 3.00 MF$ 0.50

FLOWMETERS, EXPERIMENTAL DESIGN
INVESTIGATION OF MICROWAVE AND SONIC METHODS FOR MEASURING LIQUID LEVEL AND FLOW RATE.
AD-630 315 14B T 66 09 HC$ 2.00 MF$ 0.50

FLUID AMPLIFIERS, CONTROL SYSTEMS
BASIC APPLIED RESEARCH IN FLUID POWER CONTROL.
AD-630 790 13G T 66 10 HC$10.60 MF$ 0.75

FLUID AMPLIFIERS, FLUID FLOW
EXPERIMENTAL DETERMINATION OF PRESSURE-FLOW CHARACTERISTICS OF ARMY MEMBRANE OXYGENATOR, PROTOTYPES I AND II.
AD-630 166 6L T 66 09 HC$ 2.00 MF$ 0.50

FLUID AMPLIFIERS, PULSE MODULATION
FLUID PULSE WIDTH MODULATION.
PATENT 3,228,410 13G U 41 10

FLUID AMPLIFIERS, SYMPOSIA
FLUID AMPLIFICATION SYMPOSIUM, OCTOBER 1965, VOLUME III, ADDENDUM I, EXPERIMENTAL STUDY OF A PROPORTIONAL FLUID AMPLIFIER.
AD-630 763 13G T 66 10 HC$ 1.00 MF$ 0.50

FLUID DYNAMIC PROPERTIES, CYLINDRICAL BODIES
THE RESISTANCE ON A CIRCULAR CYLINDER IN AN OSCILLATING STREAM.
AD-631 157 20D T 66 10

FLUID DYNAMIC PROPERTIES, PROPULSION
TASK R.
AD-295 750 21B U 41 10 HC$ 3.60

FLUID DYNAMIC PROPERTIES, ROCKET PROPULSION
TASK R.
AD-275 325 21B U 41 10 HC$ 3.60

FLUID DYNAMICS, HYPERSONIC FLOW
INVESTIGATIONS IN SOVIET HYPERVELOCITY TESTING TECHNIQUE.
AD-630 450 20D T 66 09 HC$ 3.00 MF$ 0.75

FLUID FLOW, CAVITATION
FLOW STUDIES ABOUT BODIES AT LOW CAVITATION NUMBERS.
AD-630 709 20D T 66 10 HC$ 1.10 MF$ 0.50

FLUID FLOW, EQUATIONS OF STATE
ON CONSTITUTIVE EQUATIONS FOR FLOW OF FLUID THROUGH AN ELASTIC SOLID.
AD-630 772 20D T 66 10 HC$ 4.60 MF$ 0.50

FLUID FLOW, MECHANICAL WAVES
CNOIDAL WAVES IN A TOROIDAL CHANNEL.
AD-631 121 20D T 66 10 HC$ 5.60 MF$ 0.50

FLUID FLOW, PIPES

A MECHANISM FOR INSTABILITY OF PLANE COUETTE FLOW AND OF POISEUILLE FLOW IN A PIPE,
AD-630 961 20D T 66 10

FLUID FLOW, STABILITY
STABILITY OF A SHEAR FLOW IN AN UNSTABLE LAYER,
AD-630 960 20D T 66 10

THE STABILITY OF AN UNSTEADY KELVIN -HELMHOLTZ FLOW.
AD-631 136 20D T 66 10

FLUID MECHANICS, DISKS
ON THE TORSIONAL OSCILLATIONS OF A PLANE WITH LARGE SUCTION,
AD-631 156 20D T 66 10

FLUID MECHANICS, MATHEMATICAL MODELS
THEORETICAL PREDICTION OF THE FLOW IN THE WAKE OF A HELICOPTER ROTOR. PART I. DEVELOP- MENT OF THEORY AND RESULTS OF COMPUTATIONS.
AD-629 782 20D T 66 09 HC$ 9.60 MF$ 0.75

FLUID MECHANICS, MOLECULAR BEAMS
MEASUREMENTS OF MASS AND MOMENTUM FLUX IN NON-IDEAL MOLECULAR BEAMS,
N66-13162 20D U 41 09 HC$ 2.00 MF$ 0.50

FLUID MECHANICS, N-BODY PROBLEM
SEPARATION OF THE INTERACTION POTENTIAL INTO TWO PARTS IN TREATING MANY-BODY SYSTEMS. I. GENERAL THEORY AND APPLICATIONS TO SIMPLE FLUIDS WITH SHORT-RANGE AND LONG-RANGE FORCES,
AD-629 816 20J T 66 09

FLUID MECHANICS, PLASMA PHYSICS
NONLINEAR MECHANICS OF PLASMA-LIKE DISTRIBUTED MEDIA.
AD-630 677 20I T 66 10 HC$ 2.60 MF$ 0.50

FLUID MECHANICS, THEOREMS
THE BERNOULLI THEOREM,
AD-630 018 20D T 66 09

FLUID MECHANICS, THERMODYNAMICS
MACROSCOPIC EULERIAN DERIVATIVE OF A VOLUME INTEGRAL. ENTROPY OF A TURBULENT GAS. SOME SPECTRAL MEASUREMENTS OF SPACE -TIME CORRELATIONS.
AD-630 629 20D T 66 10 HC$ 4.60 MF$ 0.50

FLUIDIZED BED PROCESSES, IRON
REDUCTION OF AN IRON CORE CONCENTRATE WITH HYDROGEN IN A SCREEN-PACKED FLUIDIZED BED,
AD-629 753 11F T 66 09

FLUIDIZED BED PROCESSES, URANIUM
FLUID BED ASH RECOVERY. PADUCAH PLANT LABORATORY, JUNE-AUGUST 1961,
KY-L-379 7A U 41 09 HC$ 1.00 MF$ 0.50

FLUIDS, CONVECTION (HEAT TRANSFER)
NATURAL CONVECTION IN A HORIZONTAL CYLINDER AT LARGE PRANDTL NUMBERS.
AD-475 885 20D U 41 10 HC$ 6.00 MF$ 1.25

FLUIDS, PARTICLES
SCALED PARTICLE THEORY OF FLUID MIXTURES,
AD-629 819 7D T 66 09

FLUIDS, VORTICES
CONCENTRATED VORTEX MOTIONS IN FLUIDS (ABSTRACTS OF PAPERS),
AD-630 589 20D T 66 10 HC$ 3.00 MF$ 0.75

FLUOBORATES, INORGANIC ACIDS
INVESTIGATION OF ELECTROPOLISHING SOLUTION,
AD-629 912 11K T 66 09 HC$ 2.00 MF$ 0.50

FLUORES CENCE, ANTHRACENES
FLUORESCENCE AND DEFECT FLUORESCENCE OF ANTHRACENE AT 4.2K,
AD-629 754 7D T 66 09

FLUORESCENCE, EXCITATION
LIGHT SOURCES FOR THE EXCITATION OF ATOMIC RESONANCE FLUORESCENCE IN POTASSIUM AND RUBIDIUM,
AD-630 216 20F T 66 09

FLUORESCENCE, IONS
FLUORESCENT ION INTERACTION.
AD-465 985 7E U 41 09 HC$ 3.00 MF$ 0.50

FLUORESCENT ANTIBODY TECHNIQUES, BIBLIOGRAPHIES
IMMUNOFLUORESCENCE, AN ANNOTATED BIBLIOGRAPHY. I. BACTERIAL STUDIES,
AD-630 175 6M T 66 09 HC$ 4.00 MF$ 1.00

FLUORIDES, CHEMICAL ANALYSIS
METHODES PHYSIQUES D'ANALYSE DE L'HEXAFLUORURE D'URANIUM (PHYSICAL ANALYTICAL METHODS FOR URANIUM HEXAFLUORIDE).
PB-169 159 7B U 41 09 HC$ 2.00 MF$ 0.50

FLUORIDES, ELECTROMAGNETIC PROPERTIES
SOME FERROELECTRIC AND DIELECTRIC PROPERTIES OF TRIGLYCINE FLUOBERYLLATE.
AD-631 010 20L T 66 10

FLUORIDES, MICROWAVE SPECTROSCOPY
MILLIMETER-WAVE MOLECULAR-BEAM SPECTRO- SCOPY: ALKALI FLUORIDES,
AD-629 796 7D T 66 09

MOLECULAR FORCE FIELD AND CENTRIFUGAL DISTORTION CONSTANTS OF NITROSYL FLUORIDE,
AD-629 797 7D T 66 09

FLUORIDES, MOLECULAR STRUCTURE
CROSS-LINKING OF POLYVINYLIDENE FLUORIDE BY GAMMA RADIATION,
N66-13497 7E U 41 10 HC$ 1.00 MF$ 0.50

FLUORIDES, QUANTITATIVE ANALYSIS
EXPOSURES OF BIOLOGICAL SYSTEMS TO INORGANIC FLUORIDE OXIDIZING AGENTS. VOLUME II. FLUORIDE ANALYSIS BY CHEMICAL METHODS.
AD-630 593 6T T 66 10 HC$ 2.00 MF$ 0.50

FLUORIDES, SPECTRA(VISIBLE + ULTRAVIOLET)
EMISSION SPECTRA OF FLAMES OF NF-CONTAIN- ING OXIDIZERS.
AD-630 099 7D T 66 09

FLUORINE COMPOUNDS, MOLECULAR ORBITALS
THEORETICAL AND QUANTUM CHEMISTRY OF N, O, F COMPOUNDS.
AD-466 669 7D U 41 09 HC$ 1.00 MF$ 0.50

FLUORINE COMPOUNDS, SILICONE PLASTICS
STRESS RELAXATION AND CURING OF FLUORINATED ELASTOMERS.
AD-630 907 11J T 66 10 HC$ 4.00 MF$ 0.75

FLUORINE COMPOUNDS, SULFURIC ACID
SOLUTIONS IN NON-AQUEOUS SOLVENTS.
AD-630 795 7B T 66 10 HC$ 1.60 MF$ 0.50

FLUORINE COMPOUNDS, SYNTHETIC RUBBER
SYNTHESIS AND POLYMERIZATION OF FLUORINATED SULFUR MODIFIED NITROSO RUBBER.
AD-461 057 11J U 41 09 HC$ 2.00

AD-461 060 11J U 41 09 HC$ 2.00

FLUOROAMINES, CHEMICAL PROPERTIES
A STUDY OF THE ELECTRONIC CONFIGURATION AND BEHAVIOR OF THE NF2 GROUP.
AD-630 945 7C T 66 10 HC$ 8.60 MF$ 0.75

FOG, AIRCRAFT LANDINGS
EVALUATION OF RUNWAY LIGHTING SYSTEMS FOR EFFECTIVENESS IN DENSE FOG.
PB-169 554 1E U 41 10 HC$ 6.00 MF$ 1.25

FOG, PARTICLE SIZE
MEASUREMENT OF DROP SIZE DISTRIBUTIONS IN NATURAL CLOUDS AND RAIN.
AD-630 706 4B T 66 10 HC$ 2.00 MF$ 0.50

FOG, RADAR SCANNING
POSSIBILITY OF RADAR DETERMINATION OF VISIBILITY IN FOGS.
AD-630 554 4B T 66 10 HC$ 1.00 MF$ 0.50

FOG, WEATHER FORECASTING
LOCAL FORECASTING OF FOG FORMATION.
AD-630 671 4B T 66 10 HC$ 1.00 MF$ 0.50

FOILS, COLOR PHOTOGRAPHY
THE APPLICATION OF COLOR PHOTOGRAPHY TO TRANSMISSION ELECTRON MICROSCOPE STUDIES OF THIN METAL FOILS,
AD-629 843 11F T 66 09

FOOD DISPENSING, MILITARY REQUIRE MENTS
EFFECT OF ALTITUDE AND OXYGEN UPON TASTE.
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FOOD, ACCEPTABILITY
FOOD ATTITUDES IN AN UNUSUAL ENVIRONMENT.
PB-169 438 6H U 41 10 HC$ 2.60

EFFECT OF ALTITUDE AND OXYGEN UPON TASTE.
PB-169 440 6H U 41 09 HC$ 1.60

FOOD, ANIMALS
EMULSIFYING PROPERTIES OF BLOOD ALBUMIN AND ITS APPLICATION IN FOOD EMULSION PRODUCTION,
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FOOD, SYNTHESIS(CHEMISTRY)
THE PROBLEM OF FOOD SYNTHESIS,
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FORCE(MECHANICS), HYPERSONIC CHARACTERISTICS
AERODYNAMIC FORCES ON A MODEL CONSTRUCTED FROM WIRE CLOTH IN LOW DENSITY HYPERSONIC FLOW,
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FORK-LIFT VEHICLES, USSR
ELECTRIC BATTERY STACKER ESH-182,
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FOULING, MATERIALS
DEEP-OCEAN BIODETERIORATION OF MATERIALS -PART III. THREE YEARS AT 5,300 FEET,
AD-631 078 8A T 66 10 HC$ 3.00 MF$ 0.50

FOULING, SHIP HULLS
FOULING OF SHIPS' BOTTOMS: EFFECT OF PHYSICAL CHARACTER OF SURFACE,
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FRACTURE(MECHANICS), ALUMINUM ALLOYS
FATIGUE AND NOTCH BEND PROPERTIES OF HIGH-STRENGTH ALUMINUM ALLOYS.
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FRACTURE(MECHANICS), BRASS
ON THE ROLE OF COMPLEX IONS IN THE SEASONCRACKING OF ALPHA-BRASS,
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FRACTURE(MECHANICS), MOISTURE

MOISTURE ASSISTED SLOW CRACK EXTENSION IN GLASS PLATES.
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FRACTURE(MECHANICS), TEST METHODS
STARTER CRACKS FOR FRACTURE TOUGHNESS TESTING BY A RESONANCE FATIGUE TECHNIQUE.
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FRACTURE(MECHANICS), THEORY
INTERFACES BETWEEN FATIGUE, CREEP, AND FRACTURE.
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FRACTURE(MECHANICS), TOUGHNESS
DETERMINATION OF FRACTURE TOUGHNESS PARAMETER OF LARGE METAL STRUCTURES. INDUSTRIAL REVIEW.
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FRAGMENTATION, SOUNDING ROCKETS
DEVELOPMENT OF THE FRANGIBLE ARCAS METEOROLOGICAL ROCKET VEHICLE.
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FRAGMENTATION, TEST METHODS
FRAGMENTATION TESTING PROCEDURES.
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FREE RADICALS, CHEMICAL REACTIONS
THE ADDITION OF THIYL RADICALS TO ALLENIC HYDROCARBONS.
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FREE RADICALS, QUANTUM MECHANICS
QUANTUM MECHANICS OF HO2. IV. CHAIN PROGRAM.
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FREEZING, SEA WATER
OPERATION OF SHIPBOARD WASHDOWN IN FREEZING WEATHER.
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FREQUENCY CONVERTERS, CALIBRATION
FREQUENCY CONVERTER 5254A (HEWLETT-PACKARD).
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FREQUENCY CONVERTERS, MICROWAVE EQUIPMENT
PULSED FERRITE GENERATOR UTILIZED AS A FREQUENCY CONVERTER IN THE MICROWAVE OR MILLIMETER WAVE RANGE.
PATENT 3,229,193 9E U 41 10

FREQUENCY, MEASUREMENT
DETERMINATION OF RMS HEIGHT OF A ROUGH SURFACE USING RADAR WAVES.
N66-14956 20N U 41 10 HC$ 3.00 MF$ 0.50

FRICTION, DELTA WINGS
MEASUREMENTS OF SKIN FRICTION ON A CAMBERED DELTA WING AT SUPERSONIC SPEEDS.
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FRICTION, HOT WORKING
FRICTION AND LUBRICATION IN HOT METAL DEFORMATION.
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FRICTION, PIPES
RESISTANCE COEFFICIENTS FOR STRUCTURAL PLATE CORRUGATED PIPE. HYDRAULIC MODEL INVESTIGATION.
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FRUITS, DEHYDRATED FOODS
DEHYDRATED FRUIT AND VEGETABLES.
AD-630 844 6H T 66 10 HC$ 3.60 MF$ 0.50

FUEL BURN UP, FISSION PRODUCTS
BURNUP DETERMINATION OF NUCLEAR FUELS.
IDO-14667 18J U 41 10 HC$ 2.00 MF$ 0.50

FUEL CELLS, ELECTROLYTES
HYDROGEN-OXYGEN ELECTROLYTIC REGENERATIVE FUEL CELLS.
N66-13128 10A U 41 09 HC$ 2.00 MF$ 0.50

FUEL CELLS, HYDROGEN
HYDROGEN GENERATION FOR FUEL CELLS.
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FUEL CELLS, LOW-TEMPERATURE BATTERIES
LOW TEMPERATURE FUEL CELL BATTERY.
AD-413 795 10B U 41 10 HC$ 6.60

FUEL CELLS, POWER SUPPLIES
RESEARCH AND DEVELOPMENT OF OPEN CYCLE FUEL CELLS.
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RAMJET TECHNOLOGY. CHAPTER 8. AIR-FUEL MIXTURE PREPARATION.
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FUEL SYSTEMS, RAMJET ENGINES
RAMJET TECHNOLOGY. CHAPTER 7. FUEL SYSTEMS.
AD-630 330 21E T 66 09 HC$ 5.00 MF$ 1.00

FUELS CELLS, CATALYSTS
DEVELOPMENT OF CATHODIC ELECTROCATALYSTS FOR USE IN LOW TEMPERATURE H2/ O2 FUEL CELLS WITH AN ALKALINE ELECTROLYTE.
N66-13991 7D U 41 09 HC$ 3.00 MF$ 0.50

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METHOD OF ANALYSIS OF MICROCONTAMINATIONS AND RESIDUES IN MEDIUM DISTILLATE FUELS.
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GENERATION OF FLOW FIELDS IN PARTICLE FUELED COMBUSTION SYSTEMS.
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ELECTROHYDRODYNAMIC REMOVAL OF MICROORGANISMS FROM HYDROCARBON FUELS.
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DETONABILITY OF COMBUSTIBLE MIXTURES.
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FUELS, DETONATORS
FUELS FOR SMALL ARMS NOISE SIMULATORS. DEVICE 3C65D.
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FUELS, THERMIONIC CONVERTERS
THE DEVELOPMENT OF A FLAME FIRED THERMIONIC GENERATOR.
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FUNCTIONAL ANALYSIS, INTEGRAL TRANSFORMS
ON THE SUBSPACE OF L(P) INVARIANT UNDER MULTIPLICATION OF TRANSFORM BY BOUNDED CONTINUOUS FUNCTIONS.
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FUNCTIONAL ANALYSIS, NONLINEAR DIFFERENTIAL EQUATIONS
NONLINEAR EVALUTION EQUATIONS IN BANACH SPACES.
AD-631 158 12A T 66 10

FUNCTIONAL ANALYSIS, OPERATORS(MATHEMATICS)
THE ANALYTIC CONTINUATION OF THE RESOLVENT KERNEL AND SCATTERING OPERATOR ASSOCIATED WITH THE SCHROEDINGER OPERATOR.
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THE SPECTRUM OF AN OPERATOR IN BANACH SPACE.
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FUNCTIONAL ANALYSIS, PARTIAL DIFFERENTIAL EQUATIONS
EQUAZIONI ELLITTICHE DEL II ORDINE E SPAZI L(2, LAMBDA) SPACES. (SECOND ORDER ELLIPTIC EQUATIONS AND L(2, LAMBDA) SPACES.
AD-630 214 12A T 66 09

FUNCTIONAL ANALYSIS, PERTURBATION THEORY
EIGENFUNCTION EXPANSIONS IN BANACH SPACES.
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CONCERNING THE MOMENT PROBLEM.
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DISCRIMINANT ANALYSIS FOR CONTENT CLASSIFICATION.
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FUNCTIONAL ANALYSIS, THEOREMS
ON THE MAXIMALITY THEOREM OF WERNER.
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FUNCTIONS, APPROXIMATION(MATHEMATICS
RATIONAL APPROXIMATION OF ARBITRARY REAL FUNCTIONS WITH SPECIFIED WEIGHTS.
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ON THE COMPUTATION OF CERTAIN FUNCTIONS OF LARGE ARGUMENT AND PARAMETER.
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FUNCTIONS, INTEGRALS
SINGULARITIES OF ANALYTIC FUNCTIONS HAVING INTEGRAL REPRESENTATIONS, WITH A REMARK ABOUT THE ELASTIC UNITARITY INTEGRAL.
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FUNCTIONS, NUMERICAL ANALYSIS
SOME PROBLEMS IN NUMERICAL ANALYTIC CONTINUATION.
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FUNCTIONS, TABLES
BRIEF TABLE OF RING FUNCTIONS (TOROIDAL HARMONICS).
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LONG-TERM STORAGE STUDY OF DISINFECTANT, GERMICIDAL AND FUNGICIDAL.
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WOOD PRESERVATION AROUND THE HOME AND FARM.
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FUNGUS DETERIORATION, PLASTICS
FUNGUS RESISTANCE OF PLASTICS.
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DETERMINING RESISTANCE TO SOFT-ROT FUNGI.
PB-169 104 6C U 41 10 HC$ 1.00 MF$ 0.50

FUSELAGES, STRESSES
CALCULATION OF THIN-WALLED AIRCRAFT FUSELAGE-TYPE SECTIONS WITH OPENING.
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GAIN, STABILIZATION
THE DEVELOPMENT OF AN S-BAND PARAMETRIC AMPLIFIER USING NEW TECHNIQUES FOR GAIN STABILIZATION.
N66-13350 9F U 41 10 HC$ 2.00 MF$ 0.50

GALLBLADDER, PATHOLOGY
CYSTIC MUCINOUS HYPERTROPHY OF THE MUCOSA OF THE GALL BLADDER IN THE DOG.
AD-629 959 2E T 66 09

GAME THEORY, GROUPS(MATHEMATICS)
KERNELS OF SUPERADDITIVE SIMPLE 5-PERSON GAMES THAT ARE NOT WEIGHTED MAJORITY GAMES.
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GAME THEORY, OPTIMIZATION
GAMES OF SEQUENCE PREDICTION.
AD-630 619 12B T 66 10 HC$ 6.60 MF$ 0.75

GAME THEORY, WARFARE
TARLOG: A DIFFERENTIAL GROUND COMBAT MODEL.
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DEVELOPMENT OF AIRBORNE SURVEILLANCE INSTRUMENTATION.
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GAMMA COUNTERS, WHOLE BODY IRRADIATION
INSTALLATION OF A WHOLE BODY COUNTER AT THE UNITED STATES NAVAL MEDICAL RESEARCH UNIT NO. 2.
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GAMMA RAYS, PENETRATION
PENETRATION OF PLANE NORMAL AND PLANE SLANT GAMMA RAYS THROUGH SLABS OF ALUMINUM AND STEEL. II. ANGULAR AND ENERGY SPECTRA (PHOTON NUMBER FLUX).
PB-169 640 18F U 41 10 HC$ 4.60

GAMMA RAYS, UPPER ATMOSPHERE
PHYSICAL PICTURE OF THE FORMATION OF AN ARTIFICIAL RADIATION BELT BY THE AMERICAN HIGH-ALTITUDE THERMONUCLEAR BURST OF 9 JULY 1962.
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GAMMA-RAY SPECTRA, PROGRAM MING(COMPUTERS)
A COMPUTER PROGRAM FOR UNFOLDING PULSE-HEIGHT DISTRIBUTIONS.
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ANALYSIS OF CS134-CS137 MIXTURES BY GAMMA -RAY SPECTROMETRIC METHODS.
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PPA: A COMPUTER PROGRAM FOR PHOTO-PEAK ANALYSIS.
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GANGLIA, RETINA
DENDRITIC FIELDS OF RETINAL GANGLION CELLS OF THE RAT.
AD-630 488 6C T 66 09

RAT RETINAL GANGLION CELLS: RECEPTIVE FIELD ORGANIZATION AND MAINTAINED ACTIVITY.
AD-630 502 6C T 66 09

GAS ANALYSIS, URANIUM COMPOUNDS
TEMPERATURE COMPENSATED CONDENSATION PRESSURE ANALYZER.
PATENT 3,234,780 14B U 41 10

GAS CHROMATOGRA PHY, AMINO ACIDS
OPTICAL RESOLUTION OF D,L AMINO ACIDS BY GAS CHROMATOGRAPHY AND MASS SPECTROMETRY.
AD-629 825 6A T 66 09

GAS CHROMATOGRAPHY, DIELECTRIC PROPERTIES
A NEW, HIGH SENSITIVITY GAS CHROMATOGRAPHIC DETECTOR WITH RESPONSE BASED ON DIELECTRIC PROPERTIES OF CONSTITUENTS.
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USE OF COARSE POROUS GLASS IN GAS-ADSORPTION CHROMATOGRAPHY FOR THE SEPARATION OF LIQUID HYDROCARBONS.
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GAS DISCHARGES, MERCURY
INVESTIGATION OF CATHODE PHENOMENA IN THE MERCURY ARC.
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GAS DISCHARGES, ULTRAVIOLET RADIATION
ARGON, KRYPTON, AND XENON CONTINUUM LIGHT SOURCES FOR THE VACUUM ULTRAVIOLET.
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GAS FLOW, DISSOCIATION
TASK R.
AD-402 828 20D U 41 10 HC$ 3.60

GAS FLOW, PROPULSION
TASK R.
AD-295 750 21B U 41 10 HC$ 3.60

GAS FLOW, ROCKET PROPULSION
TASK R.
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GAS IONIZATION, AIR
REACTION RATE COEFFICIENTS FOR AMBIENT AND HEATED AIR.
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GAS IONIZATION, FLAMES
IDENTIFICATION OF NEGATIVE FLAME-IONS.
AD-630 350 21B T 66 09

GAS IONIZATION, LASERS
INVESTIGATION OF A LASER TRIGGERED SPARK GAP.
AD-629 905 9E T 66 09 HC$ 2.00 MF$ 0.50

GAS IONIZATION, PROBABILITY
THE IONIZATION OF INERT GAS ATOMS BY ELECTRON AND PROTON IMPACT AT HIGH ENERGIES.
AD-630 934 7D T 66 10

GAS TURBINE BLADES, HEAT TRANSFER
HEAT TRANSFER TO THE SURFACE OF GAS TURBINE BLADES.
AD-630 849 21E T 66 10 HC$ 1.60 MF$ 0.50

GAS TURBINES, CORROSION-RESISTANT ALLOYS
DEVELOPMENT OF HOT-CORROSION-RESISTANT ALLOYS FOR MARINE GAS TURBINE SERVICE.
AD-629 786 11F T 66 09 HC$ 4.00 MF$ 1.00

GAS TURBINES, EFFECTIVENESS
EFFECTIVENESS OF GAS-TURBINE INSTALLATIONS WITH SEPARATE DELIVERY OF WORKING MEDIUM ABOARD SEA-GOING SHIPS.
AD-630 419 13J T 66 09

GAS TURBINES, EXHAUST GASES
METHOD OF MEASURING THE TEMPERATURE FIELD OF A STREAM OF EXHAUST GASES.
AD-630 272 21E T 66 09 HC$ 1.10 MF$ 0.50

GAS TURBINES, EXHAUST PIPES
INCREASING THE EFFICIENCY OF TURBINE EXHAUST PIPE.
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GAS TURBINES, MARINE PROPULSION
BASIC RESULTS OF TESTING THE FIRST SOVIET GAS TURBINE INSTALLATION (GTU-20) FOR OCEANGOING SHIPS.
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GASEOUS DIFFUSION SEPARATION, REACTOR FUEL PROCESSING
ORGDP FULL REPROCESSING STUDIES.
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GASES, THERMAL DIFFUSION SEPARATION
AXISYMMETRIC, LAMINAR, BINARY SHEAR LAYER WITH THERMAL DIFFUSION AND DIFFUSION-THERMO EFFECTS.
AD-631 154 7D T 66 10

GASES, THERMODYNAMICS
FORMULA FOR THERMAL ACCOMMODATION COEFFICIENT.
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GASES, TRANSPORT PROPERTIES
A DISCUSSION OF ENERGY AND MOMENTUM TRANSFER IN GAS-SURFACE INTERACTIONS.
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TRANSPORT COEFFICIENTS FOR DENSE GASES.
AD-630 588 20D T 66 10 HC$ 2.60 MF$ 0.50

GASOLINE, FUEL ADDITIVES
SHELF STABILITY AND INHIBITING ABILITY OF GUM PREVENTIVE, GASOLINE.
AD-630 416 21D T 66 09 HC$ 1.00 MF$ 0.50

GATES(CIRCUITS), COUNTING METHODS
GATED COUNTER HAVING DIODE ISOLATING INPUT FROM GATE.
PATENT 3,229,118 9A U 41 10

GATES(CIRCUITS), SCALERS
GATE RING COUNTERS AND THEIR POSSIBLE ADVANTAGES IN LOW POWER MICROELECTRONIC SYSTEMS.
AD-630 038 9E T 66 09 HC$ 2.00 MF$ 0.50

GATES(CIRCUITS), SEARCH RADAR
INTEGRATED CIRCUITS FOR COMBAT AREA EQUIPMENT.
AD-629 892 17I T 66 09 HC$ 2.60 MF$ 0.50

GEARS, WEAR RESISTANCE
RESEARCH ON MITIGATION OF SPLINE WEAR BY MEANS OF LUBRICATION.
AD-629 938 11H T 66 09 HC$ 2.60 MF$ 0.50

GELS, JET ENGINE FUELS
RAPID GELLING OF AIRCRAFT FUEL.
AD-629 765 1B T 66 09 HC$ 2.00 MF$ 0.50

GENERATORS, SCANNING
SLOW SCAN GENERATOR CIRCUIT.
PATENT 3,229,122 9A U 41 10

GENERATORS, SHIPBORNE
NEW SOURCES OF ELECTRICAL ENERGY FOR SHIPS.
AD-630 285 10B T 66 09 HC$ 4.00 MF$ 0.75

GENERATORS, THERMIONIC CONVERTERS
THE DEVELOPMENT OF A FLAME FIRED THERMIONIC GENERATOR.
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GENERATORS, THERMOELECTRICITY
300 WATT PORTABLE THERMOELECTRIC GENERATOR.
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AD-631 037 10B T 66 10 HC$ 1.10 MF$ 0.50

GENERATORS, VOLTAGE
MODIFIED MARX GENERATOR.
PATENT 3,229,124 10B U 41 10

GENETICS, PLANTS(BOTANY)
INVESTIGATIONS OF MUTABILITY OF POLYGENES AND ON UTILIZATION OF INDUCED GENETIC VARIABILITY.
TID-21649 6C U 41 09 HC$ 3.00 MF$ 0.75

GENETICS, BACTERIOPHAGES
RECOMBINATION OF A POOL OF DNA FRAGMENTS WITH COMPLEMENTARY

SINGLE-CHAIN ENDS.
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GEODESICS, AERIAL PHOTOGRAPHY
ANALYTIC AEROTRIANGULATION: TRIPLETS AND SUB-BLOCKS INCLUDING USE OF AUXILIARY DATA.
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GEODESICS, GRAVITY
GRAVITY GRADIENT MEASUREMENTS.
AD-630 410 14B T 66 09 HC$ 7.60 MF$ 0.75

GEODESICS, INSTRUMENTATION
THE GRAVITATIONAL COMPASS,
AD-630 231 20J T 66 09

GEODESICS, SATELLITE TRACKING SYSTEMS
ERROR STUDY OF A WORLDWIDE SATELLITE TRIANGULATION NET,
AD-630 781 8E T 66 10 HC$ 7.60 MF$ 0.75

GEODESICS, SATELLITES(ARTIFICIAL)
RECENT PROGRESS IN SATELLITE GEODESY.
AD-462 616 8E U 41 09 HC$ 3.60

GEODESICS, TELEMETER SYSTEMS
GEODETIC SATELLITE TELEMETRY SUBSYSTEM RELIABILITY ASSESSMENT,
N66-13154 9F U 41 09 HC$ 1.00 MF$ 0.50

GEOGRAPHY, AUSTRALIA
GEOGRAPHIC RECONNAISSANCE OF WESTERN AUSTRALIAN SEASHORE VEGETATION.
AD-630 027 8F T 66 09

GEOGRAPHY, KENYA
NOTES ON SEASHORE VEGETATION OF KENYA.
AD-630 028 8F T 66 09

GEOGRAPHY, POLAR REGIONS
SELECTED ASPECTS OF GEOLOGY AND PHYSIOGRA- PHY OF THE COLD REGIONS.
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GEOLOGY, ANTARCTIC REGIONS
THE GEOLOGY OF THE GENERAL BERNARDO O'HIGGINS AREA, NORTHWEST ANTARCTIC PENINSULA,
AD-630 955 8G T 66 10

GEOLOGY, OREGON
A CONTINENTAL-OCEANIC CRUSTAL BOUNDARY IN THE PACIFIC NORTHWEST.
AD-630 893 8G T 66 10 HC$ 5.60 MF$ 0.75

GEOLOGY, POLAR REGIONS
SELECTED ASPECTS OF GEOLOGY AND PHYSIOGRA- PHY OF THE COLD REGIONS.
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GEOPHYSICAL PROSPECTING, SEISMOLOGY
SEISMIC ARRIVALS FROM THE EARTH'S UPPER MANTLE,
AD-629 971 8K T 66 09

NEAR-VERTICAL-INCIDENCE SEISMIC REFLECTIONS FROM THE 'CONRAD' DISCONTINUITY.
AD-629 974 8K T 66 09

GEOPHYSICS, INSTRUMENTATION
LOW-ENERGY PROTON AND ELECTRON EXPERIMENT FOR THE ORBITING GEOPHYSICAL OBSERVATORIES B AND E,
N66-13640 20H U 41 09 HC$ 2.00 MF$ 0.50

GEOPHYSICS, STATISTICAL ANALYSIS
THE STATISTICS OF ORIENTATION DATA.
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GEOPHYSICS, SYMPOSIA
INTERNATIONAL YEARS OF THE QUIET SUN, VOLUME 2. (ANOS INTERNACIONALES DEL SOL CALMO).
AD-630 805 4A T 66 10 HC$ .60 MF$ 0.75

GERMANIUM ALLOYS, NICKEL ALLOYS
HIGH-TEMPERATURE EQUILIBRIUM IN THE GERMANIUM NICKEL SYSTEM AND THE DISSOCIATION ENERGY OF GENI.
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GERMANIUM COMPOUNDS, PEROXIDES
TRIPHENYLGERMYL HYDROPEROXIDE,
AD-630 102 7C T 66 09

GERMANIUM, BAND THEORY OF SOLIDS
OBSERVATION OF EXPONENTIAL BAND EDGES IN DEGENERATE N-TYPE GERMANIUM.
AD-630 615 20L T 66 10

GERMANIUM, CARRIERS(SEMICONDUCTORS)
MEASUREMENT OF THE LIFETIME OF MINORITY CURRENT CARRIERS IN GE AND SI BY OBSERVING THE PHOTOCONDUCTIVE DECAY OF THE SPREADING RESISTANCE UNDER A POINT CONTACT.
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MEASUREMENT OF THE LIFETIME OF MINORITY CURRENT CARRIERS IN SEMICONDUCTORS BY OBSERVING THE PHOTOCONDUCTIVE DECAY OF THE SPREADING RESISTANCE UNDER A POINT CONTACT.
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GERMANIUM, MAGNETIC PROPERTIES
HIGH FIELD MAGNETOABSORPTION OF THE INDIRECT TRANSITION EXCITON IN GERMANIUM AT 1.7K,
AD-630 372 20L T 66 09

GERMANIUM, PHOTOELECTRIC CELLS (SEMICONDUCTOR)
STUDY OF GERMANIUM DEVICES FOR USE IN A THERMOPHOTOVOLTAIC CONVERTER.
AD-630 394 9A T 66 09 HC$ 9.60 MF$ 0.75

GERMANIUM, SUPERCONDUCTIVITY
TEMPERATURE DEPENDENCE OF CONDUCTIVITY EFFECTIVE MASS OF HOLES IN GERMANIUM,
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GERMANIUM, TRANSISTORS
PRODUCTION ENGINEERING MEASURE FOR A GERMANIUM PNP POWER TRANSISTOR.
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GERMICIDES, STORAGE
LONG-TERM STORAGE STUDY OF DISINFECTANT, GERMICIDAL AND FUNGICIDAL.
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GERM-FREE ANIMALS, VIRUS DISEASES
VIRAL STATUS OF 'GERMFREE' MICE,
AD-630 952 6C T 66 10

GLACIERS, IMPURITIES
MEASUREMENT OF NATURAL PARTICULATE FALLOUT ONTO HIGH POLAR ICE SHEETS. PART I. LABORATORY TECHNIQUES AND FIRST RESULTS.
AD-630 902 14B T 66 10 HC$ 3.00 MF$ 0.75

GLASS TEXTILES, COMPOSITE MATERIALS
INVESTIGATION OF THE PHYSICAL-CHEMICAL NATURE OF THE MATRIX-REINFORCEMENT INTERFACE.
AD-629 777 11D T 66 09 HC$ 4.00 MF$ 1.00

GLASS TEXTILES, REINFORCING MATERIALS
LABORATORY INVESTIGATION OF PLASTIC-GLASS FIBER REINFORCEMENT FOR REINFORCED AND PRESTRESSED CONCRETE. REPORT I. PLAIN REINFORCED CONCRETE,
AD-630 600 11D T 66 10 MF$ 0.75

FATIGUE CHARACTERISTICS OF TWO NEW PLASTIC LAMINATES, REINFORCED WITH UNWOVEN 'S' GLASS FIBERS, UNDER CYCLIC AXIAL OR SHEAR LOADING,
AD-630 884 11D T 66 10

GLASS, CRYSTAL HOLDERS
PRODUCTION ENGINEERING MEASURE: MANUFACTURE OF GLASS HOLDER CRYSTAL UNITS TYPE CR(XM-66).
AD-630 800 9A T 66 10 HC$ 2.00 MF$ 0.50

GLASS, FRACTURE(MECHANICS)
MOISTURE ASSISTED SLOW CRACK EXTENSION IN GLASS PLATES.
AD-630 833 11B T 66 10 HC$ 2.60 MF$ 0.50

GLASS, GAS CHROMATOGRAPHY
USE OF COARSE POROUS GLASS IN GAS-ADSORPTION CHROMATOGRAPHY FOR THE SEPARATION OF LIQUID HYDROCARBONS,
AD-630 970 7D T 66 10 HC$ 1.60 MF$ 0.50

GLASS, METAL FILMS
FRANKLIN INSTITUTE ANNUAL REPORT.
TID-21328 11F U 41 09 HC$ 1.00 MF$ 0.50

GLASS, PREPARATION
PREPARATION AND PROPERTIES OF CRYSTALLINE AND GLASSY VANADIUM PENTOXIDE.
AD-630 013 20L T 66 09 HC$ 1.00 MF$ 0.50

GLASS, TENSILE PROPERTIES
INTERFACIAL INTERACTION IN COMPOSITE STRUCTURES.
AD-629 899 11D T 66 09 HC$ 3.00 MF$ 0.50

GLASS, WINDSHIELDS
X-20 WINDOW TESTS.
AD-630 469 22B T 66 09 HC$ 3.60 MF$ 0.50

GLIDE PATH SYSTEMS, RADIO TRANSMISSION
INSTALLATION CRITERIA FOR CAPTURE EFFECT GLIDE SLOPE.
PB-169 314 17G U 41 10 HC$ 2.00 MF$ 0.50

GLOBAL COMMUNICATION SYSTEMS, RADIO NAVIGATION
OMEGA, A WORLD-WIDE NAVIGATIONAL SYSTEM.
AD-630 900 17G T 66 10 HC$ 7.00 MF$ 1.75

GLOW DISCHARGES, ATOMIC PROPERTIES
ATOMIC DENSITY MEASUREMENTS IN NITROGEN, OXYGEN, AND HYDROGEN AFTERGLOW PLASMAS,
AD-629 924 20I T 66 09 HC$ 3.00 MF$ 0.75

GLOW DISCHARGES, MEASUREMENT
MEASUREMENTS OF ANISOTROPIC PLASMAS USING A TURNSTILE MULTIPLE PROBE POLARIMETER,
AD-630 143 20I T 66 09 HC$ 2.00 MF$ 0.50

GLOW DISCHARGES, MERCURY
INVESTIGATION OF CATHODE PHENOMENA IN THE MERCURY ARC.
AD-629 869 20C T 66 09 HC$ 4.00 MF$ 1.00

GLUCOSE, RADIATION EFFECTS
FUNDAMENTAL STUDIES OF RADIATION SOURCE DOSIMETRY AND THE EFFECTS OF IONIZING RADIATION ON SUGARS.
AD-265 460 6H U 41 10 HC$ 1.10

GLYCINES, ELECTROMAGNETIC PROPERTIES
SOME FERROELECTRIC AND DIELECTRIC PROPERTIES OF TRIGLYCINE FLUOBERYLLATE.
AD-631 010 20L T 66 10

GLYCOLS, NEUTRON BOMBARDMENT
A STUDY OF THE FAST NEUTRON-INDUCED GELATION OF TRIETHYLENE GLYCOL DIMETHACRYLATE USING 14-MEV NEUTRONS.

AD-630 891 7E T 66 10 HC$ 2.00 MF$ 0.50

GOLD ALLOYS, MIRRORS
GRATING GROOVE FORMATION IN AU AND AU- 6E ALLOYS. SURFACE POLISH EFFECTS ON AU MIRRORS.
N66-12968 20F U 41 09 HC$ 3.00 MF$ 0.50

GOLD, DIFFUSION
THE DIFFUSION OF GOLD AND SILVER IN TIN SINGLE CRYSTALS.
AD-630 458 7D T 66 09 HC$ 1.00 MF$ 0.50

GOLD, FILMS
DETERMINATION OF QUANTITATIVE POLE FIGURES FOR FLAT THIN FILMS ON A SUBSTRATE.
AD-630 984 F11F,T 66 10

GRAIN BOUNDARIES, MOVEMENT
SOME REMARKS ON GRAIN BOUNDARY MIGRATION.
AD-630 596 20L T 66 10 HC$ 1.10 MF$ 0.50

GRAMMAR, CHINESE LANGUAGE
TWO ASPECT MARKERS IN MANDARIN.
PB-169 326 5G U 41 10 HC$ 1.60 MF$ 0.50

GRAPHICS, ALGEBRAIC GEOMETRY
THE HEAWOOD MAP COLORING CONJECTURE.
AD-630 090 12A T 66 09 HC$ 8.60 MF$ 0.75

GRAPHICS, BIOPHYSICS
SOME COMMENTS ON RE-ESTABLISHABILITY.
AD-629 854 6C T 66 09

GRAPHITE, AEROSOLS
EVALUATION OF MICROSCOPIC-SIZED GRAPHITE AEROSOL FROM A ROVER REACTOR DESTRUCTION TEST, JUNE 1965.
SC-RR-65-557 21F U 41 09 HC$ 1.00 MF$ 0.50

GRAPHITE, METAL FILMS
ELECTROCHEMICAL PREPARATION OF THIN METAL FILMS AS STANDARDS ON PYROLYTIC GRAPHITE.
AD-630 058 14B T 66 09

GRAVITY, FIELD THEORY
CRITIQUE OF A NEW THEORY OF GRAVITATION.
AD-630 311 20J T 66 09

GRAVITY, MEASUREMENT
COMPARISON OF LACOSTE-ROMBERG AND ASKANIA-GRAF GRAVITY METERS IN GIMBAL AND STABILIZED MOUNTS.
AD-629 982 8E T 66 09

GRAVITY GRADIENT MEASUREMENTS.
AD-630 410 14B T 66 09 HC$ 7.60 MF$ 0.75

GRAVITY, QUANTUM MECHANICS
INFRARED PHOTONS AND GRAVITONS.
AD-630 277 20J T 66 09

GRAVITY, RELATIVITY THEORY
CLASSICAL FIELDS AND GRAVITATION.
AD-467 414 20J U 41 10 HC$ 4.60 MF$ 0.50

SPHERICALLY SYMMETRIC GRAVITATIONAL FIELDS.
AD-629 820 20J T 66 09

MINIMUM SIZE OF DENSE SOURCE DISTRIBUTIONS IN GENERAL RELATIVITY.
AD-630 322 20J T 66 09

GRAVITY, TRAJECTORIES
GRAVITY-ASSISTED TRAJECTORIES FOR MANNED SPACE EXPLORATION.
N66-13087 22C U 41 09 HC$ 2.00 MF$ 0.50

GREAT LAKES, HARBORS
CURRENTS AT LITTLE LAKE HARBOR, LAKE SUPERIOR.
AD-630 838 8H T 66 10 HC$ 2.00 MF$ 0.50

GREAT LAKES, ICE
GREAT LAKES ICE COVER, WINTER 1964-65.
AD-630 839 8H T 66 10 HC$ 3.00 MF$ 0.75

GREENLAND, SNOW
DISTRIBUTION OF DIAGENETIC SNOW FACIES IN ANTARCTICA AND IN GREENLAND.
AD-630 956 8L T 66 10

GREENLAND, SURFACE TEMPERATURES
THE DISTRIBUTION OF TEN-METER SNOW TEMPERATURES ON THE GREENLAND ICE SHEET.
AD-629 977 8L T 66 09 HC$ 4.60 MF$ 0.50

GREEN'S FUNCTION, OPERATORS(MATHEMATICS
THE ANALYTIC CONTINUATION OF THE RESOLVENT KERNEL AND SCATTERING OPERATOR ASSOCIATED WITH THE SCHROEDINGER OPERATOR.
AD-630 540 20J T 66 10 HC$ 2.00 MF$ 0.50

GRIGNARD REAGENTS, STEREOCHEMISTRY
REACTIONS OF 1,4-DICHLORO-1-BUTENES WITH MAGNESIUM. A NEW CYCLOBUTENE SYNTHESIS.,
AD-629 838 7C T 66 09

GROUND EFFECT MACHINES, MODEL TESTS
FEASIBILITY OF SIX-DEGREE-OF-FREEDOM GEM MODEL TESTING IN THE DAVID TAYLOR MODEL BASIN MANEUVERING AND SEAKEEPING FACILITY.
AD-466 621 1C U 41 09 HC$ 2.00 MF$ 0.50

GROUND EFFECT, SOIL MECHANICS
EFFECTS OF AIR SURCHARGE ON THE BEARING CAPACITY OF SOFT COHESIVE SOILS.
AD-630 804 8L T 66 10 MF$ 0.50

GROUND SUPPORT EQUIPMENT, DISPLAY SYSTEMS
DEVELOPMENT OF DESIGN STANDARDS FOR GROUND SUPPORT CONSOLES.
AD-630 639 1E T 66 10 HC$ 3.00 MF$ 0.50

GROUP DYNAMICS, DECISION MAKING
JAN: A TECHNIQUE FOR ANALYZING GROUP JUDGMENT.
AD-403 813 5J U 41 10 HC$ 1.10

GROUPS(MATHEMATICS), ALGEBRAIC TOPOLOGY
EXCEPTIONAL LIE GROUPS AND STEENROD SQUARES.
AD-631 125 12A T 66 10

GROUPS(MATHEMATICS), FIELD THEORY
SOME SIMPLE CONSEQUENCES OF SU(4) SYMMETRY.
AD-630 362 20H T 66 09

COMPLEX LORENTZ GROUP WITH A REAL METRIC: GROUP STRUCTURE.
AD-630 583 20H T 66 10

GROUPS(MATHEMATICS), QUANTUM MECHANICS
REMARKS ON THE GROUP STRUCTURE OF CORBEN'S WAVE EQUATIONS.
AD-630 445 20J T 66 09

GROUPS(MATHEMATICS), QUANTUM STATIS TICS
ANALYTICITY, COMPLEX AND QUATERNIONIC LORENTZ GROUPS AND INTERNAL QUANTUM NUMBERS.
AD-630 224 20J T 66 09

GROUPS(MATHEMATICS), SET THEORY
SETS OF UNIQUENESS ON THE GROUP 2 (OMEGA).
AD-630 397 12A T 66 09

GUIDANCE, LUNAR SURFACE VEHICLES
LUNAR NAVIGATION STUDY, SUMMARY VOLUME.
N66-13009 22A U 41 09 HC$ 2.00 MF$ 0.50

GUIDANCE, ORBITAL TRAJECTORIES
ORBITAL TESTING REQUIREMENTS FOR GUIDANCE AND CONTROL DEVICES. VOLUME II.
N66-14709 17G U 41 09 HC$ 7.00 MF$ 2.00

GUIDE MISSILE LAUNCHERS, ADAPTERS
BUFFER MECHANISM FOR ADAPTER RAIL.
PATENT 3,228,192 16A U 41 10

ADAPTER RAIL RESTRAINING MECHANISM.
PATENT 3,228,297 16A U 41 10

GUIDE MISSILE SAFETY, STORAGE
ARRANGEMENT FOR VENTING BLAST GASES AND FOR WATER INJECTION.
PATENT 3,228,296 16A U 41 10

GUIDE MISSILES, LIGHT COMMUNICATION SYSTEMS
RADIO FREQUENCY FREE COMMUNICATION SYSTEM.
PATENT 3,228,337 17B U 41 10

GUIDE VANES, GUIDED MISSILES
AIR VANE OF LOW HINGE MOMENTS.
PATENT 3,236,182 16D U 41 10

GUIDED MISSILE LAUNCHERS, DESIGN
GUIDED MISSILE LAUNCHING SYSTEM.
PATENT 3,228,295 16A U 41 10

GUIDED MISSILE LAUNCHERS, GUIDE MISSILE SAFETY
ARRANGEMENT FOR VENTING BLAST GASES AND FOR WATER INJECTION.
PATENT 3,228,296 16A U 41 10

GUIDED MISSILE PERSONNEL, TRAINING
TRAINING, UTILIZATION, AND PROFICIENCY OF MISSILE TECHNICIANS.
AD-630 626 5I T 66 10 HC$ 5.60 MF$ 0.75

GUIDED MISSILE RANGES, AIR POLLUTION
THREE-DIMENSIONAL, ANALYTIC SOLUTIONS TO THE PROBLEMS OF DIFFUSION OF WIND-DRIVEN CONTAMINATION.
AD-631 181 13B T 66 10 HC$ 2.60 MF$ 0.50

GUIDED MISSILES(AIR-TO-AIR), INSTALLATION
PERFECTIONS IN THE FIELD OF PREPARING AIR-TO -AIR CLASS ROCKET MISSILES.
AD-630 876 16D T 66 10 HC$ 1.10 MF$ 0.50

GUIDED MISSILES(AIR-TO-SURFACE), USSR
THE MISSILE CARRIERS ARE LEAVING FOR THE OCEAN.
AD-630 418 16D T 66 09 HC$ 1.10 MF$ 0.50

GUIDED MISSILES(AIR-TO-UNDERWATER), FLIGHT CONTROL SYSTEMS
AIR-DRAG APPARATUS FOR MISSILES.
PATENT 3,228,634 16D U 41 10

GUIDED MISSILES, FLEXURAL STRENGTH
INVESTIGATION OF EFFECTS OF EXTREME STRUCTURAL FLEXIBILITY ON FLIGHT VEHICLES WITH FEEDBACK-CONTROL-SYSTEM STABILIZATION.
PB-169 178 16D U 41 09 HC$ 4.00 MF$ 1.00

GUIDED MISSILES, HANDLING
APPARATUS FOR HANDLING MISSILES.
PATENT 3,228,293 16A U 41 10

GUIDED MISSILES, RESEARCH PROGRAM ADMINISTRATION
SUMMARY OF ACTIVITIES BUMBLEBEE TECHNICAL PANELS 1945-1964.
AD-471 192 16D U 41 10 HC$ 3.60 MF$ 0.50

GUN BARRELS, STEEL
HIGH-RATE LOADING: EFFECT ON MECHANICAL PROPERTIES OF CR-MO V AND 4340 STEEL AT AMBIENT TEMPERATURE.
AD-453 994 11F U 41 09 HC$ 3.60

GUN BARRELS, DESIGN
SELECTED DESIGN DATA PERTAINING TO GUN TUBES AND HIGH-PRESSURE VESSELS.
AD-630 686 19F T 66 10 HC$ 4.60 MF$ 0.50

GUN BARRELS, STRESSES
STRESSES IN GUN TUBES STRESSES IN GUNS UNDER COMBINED BAND AND GAS PRESSURES. PART 10, MATCHING OF THE EXTERNAL TANGENTIAL STRAIN DATA IN SMOOTH-BORED ELASTIC GUNS UNDER A DISCONTINUOUS BAND OF INTERNAL RADIAL PRESSURE BY A SIMPLE MATHEMATICAL EXPRESSION.
AD-630 758 19F T 66 10 HC$ 1.00 MF$ 0.50

GUSTS, MATHEMATICAL ANALYSIS
TRANSIENT LOADING OF WIDE DELTA AIRFOILS AT SUPERSONIC SPEEDS.
PB-169 428 1A U 41 09 HC$ 3.60 MF$ 0.50

GYROSCOPES, VIBRATION ISOLATORS
ANALYTICAL RESEARCH ON A SYNCHRONOUS GYROSCOPIC VIBRATION ABSORBER.
N66-12160 1D U 41 09 HC$ 3.00 MF$ 0.75

HALF LIFE, RADIOACTIVE ISOTOPES
STANDARD REFERENCE MATERIALS: HALF LIVES OF MATERIALS USED IN THE PREPARATION OF STANDARD REFERENCE MATERIALS OF NINETEEN RADIOACTIVE NUCLIDES ISSUED BY THE NATIONAL BUREAU OF STANDARDS.
C13.10-260-9 18H U 41 10 MF$ 0.50

HALIDES, PHOTOCONDUCTIVITY
INTRINSIC PHOTOCONDUCTIVITY IN THE ALKALI HALIDES.
AD-630 713 20C T 66 10

HALIDES, THERMODYNAMICS
THERMOPOTENTIAL MEASUREMENTS OF ALKALI HALIDES.
N66-14389 20M U 41 09 HC$ 1.00 MF$ 0.50

HALL EFFECT, BAND THEORY OF SOLIDS
HALL COEFFICIENT OF HUBBARD'S MODEL.
AD-630 454 20L T 66 09 HC$ 1.00 MF$ 0.50

HALL EFFECT, PHOTOELECTRIC EFFECT
ANGULAR ENERGY DISTRIBUTION OF PHOTOELECTRONS.
AD-406 875 J20C,U 41 10 HC$ 2.60

HALOCARBON PLASTICS, BONDING
WELDING OF TEFLON AND OTHER ORGANIC MATERIALS.
AD-630 847 11I T 66 10 HC$ 1.00 MF$ 0.50

HALOGE NATED HYDROCARBONS, HYDRAULIC FLUIDS
SYNTHESIS OF NEW FIRE RESISTANT HYDRAULIC FLUIDS.
AD-467 954 11H U 41 09 HC$ 1.00 MF$ 0.50

HALOGENATED HYDROCARBONS, ALKENES
REACTIONS OF 1,4-DICHLORO-1-BUTENES WITH MAGNESIUM. A NEW CYCLOBUTENE SYNTHESIS.,
AD-629 838 7C T 66 09

HALOHYDRINS, SEPARATION
CHROMATOGRAPHIC SEPARATION OF THE 1-METHOXY -2(3)-HYDROXY-3(2)-BROMO-CYCLOHEXANES AND THEIR DERIVATIVES.
AD-629 760 7C T 66 09

HAMILTONIAN, DECAY SCHEMES
ORIGINS OF THE LEE TRIANGLE.
AD-630 443 20H T 66 09

HAMILTONIAN, QUANTUM MECHANICS
ON THE FEYNMAN INTEGRAL IN DYNAMICS.
AD-630 748 20J T 66 10 HC$ 1.60 MF$ 0.50

HAMSTERS, BACILLUS ANTHRACIS
CRICETUS AURATUS W. 1939 AS AN EXPERIMENTAL MODEL IN ANTHRAX.
AD-630 737 6M T 66 10 HC$ 1.10 MF$ 0.50

HAMSTERS, DIABETES
FREE FATTY ACID METABOLISM IN CHINESE HAMSTERS.
AD-630 977 6P T 66 10

HANDBOOKS, ELECTRIC WIRE
COPPER WIRE TABLES.
NBS HANDBOOK 100 9A U 41 10 HC$ 0.50 MF$ 0.50

HANDBOOK, RELIABILITY
RELIABILITY HANDBOOK.
AD-457 170 14D U 41 10 HC$32.50

HANDLING, GUIDED MISSILES
APPARATUS FOR HANDLING MISSILES.
PATENT 3,228,293 16A U 41 10

HARBORS, GREAT LAKES
CURRENTS AT LITTLE LAKE HARBOR, LAKE SUPERIOR.
AD-630 838 8H T 66 10 HC$ 2.00 MF$ 0.50

HATCHES, LOADING(MECHANICS)
MODEL INVESTIGATION OF THE HATCH LOADS ACTING ON A MOTHER SUBMARINE DUE TO THE ATTACHMENT OF A RESCUE SUBMARINE.
AD-630 485 13J T 66 09 HC$ 2.00 MF$ 0.50

HAWAII, MARINE BIOLOBY
ATOLL RESEARCH BULLETIN. NO. 114. NORTHERN MARSHALL ISLANDS LAND BIOTA: BIRDS. NO. 115. MARINE BENTHIC ALGAE FROM THE LEEWARD HAWAIIAN GROUP. NO. 116. REEF STUDIES AT ADDU ATOLL, MALDIVE ISLANDS. NO. 117. ATOLL NEWS AND COMMENT,
AD-630 789 8F T 66 10 HC$ 6.00 MF$ 1.25

HAZARDS, ANALYSIS OF VARIANCE
APPLICATION OF NEW TECHNIQUES FOR IDENTIFICATION OF HERO VARIABLES.
AD-630 988 19A T 66 10 HC$15.60 MF$ 1.00

HEAD, ROTATION
PREDOMINANCE OF ANTI-COMPENSATORY OCULOMOTOR RESPONSE DURING RAPID HEAD ROTATION,
AD-630 578 6S T 66 10

HEAT TRANSFER, FINS
TWO-DIMENSIONAL HEAT TRANSFER IN RADIATING STAINLESS-STEEL-CLAD COPPER FINS.
N66-13019 20M U 41 09 HC$ 1.00 MF$ 0.50

HEAT EXCHANGERS, BURNTHROUGH
SEVEN-ROD BUNDLE NATURAL CIRCULATION STABILITY AND BURN-OUT TESTS WITH WATER AT UP TO 30 ATMOSPHERES PRESSURE.
EURAEC-1163 18I U 41 09 HC$ 2.00 MF$ 0.50

INVESTIGATION OF BURNOUT IN THE CASE OF BOILING WATER.
EURAEC-1224 18I U 41 09 HC$ 1.00 MF$ 0.50

HEAT OF FORMATION, BERYLLIUM COMPOUNDS
HEATS OF FORMATION OF COMPOUNDS CONTAINING B, BE, AL AND LI. I. HEATS OF FORMATION OF ALPHA'-BERYLLIUM CHLORIDE AND ALPHA- AND BETA-BERYLLIUM NITRIDE,
AD-630 633 7D T 66 10 HC$ 1.00 MF$ 0.50

HEAT OF FORMATION, SILICON COMPOUNDS
HEATS OF FORMATION OF SILICON TETRACHLORIDE, DIMETHYLDICHLOROSILANE AND DIPHENYLDICHLOR- OSILANE,
AD-630 715 7D T 66 10

HEAT OF REACTION, BERYLLIUM COMPOUNDS
HEATS OF FORMATION OF COMPOUNDS CONTAINING B, BE, AL AND LI. I. HEATS OF FORMATION OF ALPHA'-BERYLLIUM CHLORIDE AND ALPHA- AND BETA-BERYLLIUM NITRIDE,
AD-630 633 7D T 66 10 HC$ 1.00 MF$ 0.50

HEAT OF SOLUTION, ALKALI METALS
HEATS OF SOLUTION OF ALKALI METALS IN AMMONIA.
AD-630 917 7D T 66 10 HC$ 1.60 MF$ 0.50

HEAT SHIELDS, LAUNCH VEHICLES(AEROSPACE)
DEVELOPMENT OF LIGHTWEIGHT THERMAL INSULATION MATERIALS FOR RIGID HEAT SHIELDS.
N66-13572 11B U 41 09 HC$ 4.00 MF$ 1.00

HEAT TOLERANCE, PERFORMANCE(HUMAN)
UPPER THERMAL TOLERANCE LIMITS FOR UNIMPAIRED MENTAL PERFORMANCE.
AD-631 137 6S T 66 10

HEAT TRANSFER, CONTROL
EXPERIMENTAL REFRACTIVE INDICES AND THEORETICAL SMALL-PARTICLE SPECTRAL PROPERTIES OF SELECTED METALS.
N66-13827 20M U 41 09 HC$ 3.00 MF$ 0.75

HEAT TRANSFER, DROPS
MOTION AND HEAT TRANSFER OF DROPLETS AT LARGE REYNOLDS AND PECLET NUMBER.
TID-21531 20D U 41 09 HC$ 5.00 MF$ 1.50

HEAT TRANSFER, GAS TURBINE BLADES
HEAT TRANSFER TO THE SURFACE OF GAS TURBINE BLADES,
AD-630 849 21E T 66 10 HC$ 1.60 MF$ 0.50

HEAT TRANSFER, HIGH TEMPERATURE RESEARCH
A PROPOSED METHOD FOR MEASURING THERMAL DIFFUSIVITY AT ELEVATED TEMPERATURES.
PB-169 472 20M U 41 10 HC$ 1.60

HEAT TRANSFER, ICE
PRELIMINARY CALCULATION OF THE ENERGY REQUIREMENT FOR PLACING AN INSTRUMENT PACKAGE UNDER ICE.
AD-630 982 8L T 66 10 HC$ 2.00 MF$ 0.50

HEAT TRANSFER, PIPES
HEAT TRANSFER IN CYLINDRICAL PIPES WITH FULLY ESTABLISHED TURBULENT FLOW AND EXPOSED TO A UNIFORM TEMPERATURE ENVIRONMENT,
AD-630 347 20M T 66 09

HEAT TRANSFER, PROGRAMMING(COMPUTERS)
ADDITIONS AND IMPROVEMENTS TO THE APL IBM 7094 HEAT TRANSFER COMPUTER PROGRAM,
AD-447 652 20M U 41 10 HC$ 6.60

HEATERS, ELECTRIC ARCS
ELECTRIC ARC DEVICE FOR HEATING GASES.
PATENT 3,229,155 13A U 41 10

HEAT-RESISTANT GLASS, THERMAL CONDUCTIVITY
THERMAL CONDUCTIVITY OF PYREX GLASS: SELECTED VALUES.
AD-630 135 11B T 66 09 HC$ 1.00 MF$ 0.50

HEAT-RESISTANT MATERIALS, BORON COMPOUNDS
PRESSURE SYNTHESIS OF BORON PHOSPHIDE AND BORON ARSENIDE.
AD-631 093 7B T 66 10

HEAT-RESISTANT METALS + ALLOYS, RADIATION DAMAGE
HIGH-TEMPERATURE MATERIALS PROGRAM.
GEMP-54A 11F U 41 10 HC$ 3.00 MF$ 0.75

HEAT-RESISTANT METALS + ALLOYS, REACTOR FUEL ELEMENTS
HIGH-TEMPERATURE MATERIALS PROGRAM PROGRESS REPORT NO. 59, PART A.
GEMP-53A 11F U 41 10 HC$ 3.00 MF$ 0.75

HEAT-RESISTANT PLASTICS, PREPARATION
PREPARATION OF POLYPHENYLENE.

AD-467 450 11A U 41 09 HC$ 1.00 MF$ 0.50

HEAT-RESISTANT PLASTICS, STABILITY
HIGH TEMPERATURE POLYMERS FROM 1,3DIPOLAR ADDITION REACTIONS.
AD-462 323 7C U 41 09 HC$ 2.60

HELICAL ANTENNAS, THEORY
THEORY OF THE BALANCED HELICAL WIRE ANTENNA.
AD-631 040 9E T 66 10 HC$ 3.00 MF$ 0.75

HELICOPTER ROTORS, FLIGHT TESTING
HIGH-PERFORMANCE UH-1 COMPOUND HELICOPTER MANEUVER FLIGHT TEST PROGRAM.
AD-630 927 1B T 66 10 HC$10.60 MF$ 0.75

HELICOPTER ROTORS, WAKE
THEORETICAL PREDICTION OF THE FLOW IN THE WAKE OF A HELICOPTER ROTOR. PART 2. FORMULA- TION AND APPLICATION OF THE ROTOR-WAKE-FLOW COMPUTER PROGRAM.
AD-629 783 20D T 66 09 HC$ 8.60 MF$ 0.75

HELICOPTERS, ARMY OPERATIONS
EVALUATION OF FORWARD AREA ASSAULT PLANS FOR ARMY HELICOPTER OPERATIONS.
AD-462 466 15G U 41 10 HC$11.60

HELICOPTERS, GEARS
AN EXPERIMENTAL EVALUATION OF THE CONFORMAL GEAR.
AD-630 925 1C T 66 10 HC$ 3.00 MF$ 0.75

HELICOPTERS, MANEUVERABILITY
HIGH-PERFORMANCE UH-1 COMPOUND HELICOPTER MANEUVER FLIGHT TEST PROGRAM.
AD-630 927 1B T 66 10 HC$10.60 MF$ 0.75

HELIUM GROUP GASES, CESIUM
SENSITIZED FLUORESCENCE IN VAPORS OF ALKALI METALS. V. ENERGY TRANSFER IN COLLISIONS BETWEEN CESIUM AND INERT GAS ATOMS,
AD-629 818 7D T 66 09

HELIUM GROUP GASES, GLOW DISCHARGES
AFTERGLOW STUDIES IN NOBLE-GAS-HYDROGEN MIXTURES,
AD-630 222 20I T 66 09

HELIUM GROUP GASES, MOLECULAR ENERGY LEVELS
MOLECULAR RYDBERG TRANSITIONS IN RARE-GAS MATRICES-EVIDENCE FOR INTERACTION BETWEEN IMPURITY STATES AND CRYSTAL STATES,
AD-629 812 7D T 66 09

HELIUM GROUP GASES, NEUROSPORA
GROWTH RESPONSES OF NEUROSPORA CRASSA TO INCREASED PARTIAL PRESSURES OF THE NOBLE GASES AND NITROGEN,
AD-630 403 6M T 66 09

HELIUM, ATOMIC ENERGY LEVELS
LIFETIME OF THE 31P STATE OF HELIUM,
AD-630 095 7D T 66 09

HELIUM, ELECTRON BOMBARDMENT
LOW-ENERGY ELECTRON SCATTERING BY METASTABLE HELIUM,
AD-630 723 20H T 66 10

HELIUM, GLOW DISCHARGES
AFTERGLOW STUDIES IN HELIUM,
AD-630 218 20I T 66 09

HELIUM, HYPERFINE STRUCTURE
CORRECTION TO THE (HE3,2-TRIPLET-S SUB 1) TO (HE3(+),2-DOUBLET-S SUB 1/2) HYPERFINE-STRUCTURE RATIO.
AD-630 226 7D T 66 09

RELATIVISTIC CORRECTIONS TO THE FINE STRUCTURE OF HELIUM.
AD-630 297 7D T 66 09

HELIUM, MOBILITY
ION MOBILITIES IN HELIUM,
AD-630 219 7D T 66 09

HELIUM, NUCLEAR CROSS SECTIONS
TIME-OF-FLIGHT SPECTROMETER.
AD-630 438 14B T 66 09 HC$ 1.00 MF$ 0.50

HELIUM, NUCLEAR REACTIONS
POSSIBLE EXISTENCE OF A PI-HE3 RESONANCE WITH Q=11 MEV PRODUCED IN LAMBDAHE4 DECAY,
AD-629 853 20H T 66 09

EXCHANGE EFFECTS IN THE LI6(HE3,P)BE8 REACTION,
AD-630 238 20H T 66 09

HELIUM, PHASE STUDIES
PHASE CHANGE IN ADSORBED HELIUM AT LOW TEMPERATURE,
AD-629 831 20M T 66 09

HELIUM, PURIFICATION
POTASSIUM CORROSION TEST LOOP DEVELOPMENT - PURIFICATION AND ANALYSIS OF HELIUM FOR THE WELDING CHAMBER,
N66-13015 14B U 41 09 HC$ 2.00 MF$ 0.50

HELIUM, SOLIDIFIED GASES
THERMAL CONDUCTIVITY IN ISOTOPIC MIXTURES OF SOLID HELIUM,
AD-629 943 20L T 66 09

THERMAL CONDUCTIVITY OF ISOTOPIC MIXTURES OF SOLID HELIUM,
AD-629 944 20L T 66 09

THERMAL CONDUCTIVITY IN SOLID HE3 AND HE4,
AD-629 975 20H T 66 09

HELIUM, SUPERFLUIDITY
OBSERVATION OF STABLE SUPERFLUID CIRCULATION IN LIQUID-HELIUM II AT THE LEVEL OF ONE, TWO, AND THREE QUANTUM UNITS,
AD-629 827 20D T 66 09

HEMO POIETIC SYSTEM, STIMULATION
ENDOTOXIN-PROTECTION OF MICE. THE RELATION- SHIP TO COLONY-FORMING UNITS,
AD-630 338 6R T 66 09 HC$ 4.60 MF$ 0.50

HEMOGLOBIN, BLOOD DISEASES
ABNORMAL HEMOGLOBIN CHARACTERISTICS OF TAIWAN ABORIGINES.
AD-630 892 6E T 66 10

HEMOGLOBIN, PRESERVATION
STUDIES IN RED CELL PRESERVATION.
AD-465 913 6A U 41 09 HC$ 3.00 MF$ 0.75

HEMOLYSIN, PRODUCTION
A TRANSPLANTATION ASSAY FOR MOUSE CELLS RESPONSIVE TO ANTIGENIC STIMULATION BY SHEEP ERYTHROCYTES,
AD-630 954 6P T 66 10

HIBERNATION, CARDIOVASCULAR SYSTEM
CARDIAC OUTPUT IN HIBERNATING GROUND SQUIRRELS,
AD-631 018 6C T 66 10

HIGH FREQUENCY, RADIO COMMUNICATION SYSTEMS
HF COMMUNICATION EFFECTS: PROPAGATION IN THE HIGH-LATITUDE IONOSPHERE.
AD-631 170 20N T 66 10 HC$ 3.00 MF$ 0.75

HILSCH TUBES, INJECTION
EXPERIMENTAL INVESTIGATION OF PERIPHERAL-WALL INJECTION TECHNIQUES IN A WATER VORTEX TUBE,
N66-13828 20D U 41 09 HC$ 2.00 MF$ 0.50

EXPERIMENTAL INVESTIGATION OF THE EFFECT OF PERIPHERAL-WALL INJECTION TECHNIQUE ON TURBULENCE IN AN AIR VORTEX TUBE,
N66-13835 20D U 41 09 HC$ 2.00 MF$ 0.50

HISTAMINE, RESPIRATORY SYSTEM
NEW METHOD FOR PERFUSING BRONCHIAL ARTERIES: HISTAMINE BRONCHOCONSTRICTION AND APNEA,
AD-630 570 6O T 66 10

HOLMIUM, NEUTRON CROSS SECTIONS
TRANSMISSION OF 8 AND 15 MEV NEUTRONS THROUGH ORIENTED 165HO,
AD-630 084 20H T 66 09

HOSPITALS, MEDICAL EQUIPMENT
HOSPITAL ISOLATION SYSTEM FOR PREVENTING CROSS-CONTAMINATION BY STAPHYLOCOCCAL AND PSEUDOMONAS ORGANISMS IN BURN WOUNDS,
AD-630 963 6L T 66 10

HOT WORKING, COMPOSITE MATERIALS
GRAPHITE-METAL COMPOSITES.
N66-13096 11D U 41 09 HC$ 1.00 MF$ 0.50

HUMAN ENGINEERING, CARGO VEHICLES
HUMAN ENGINEERING EVALUATION OF TRUCK 1/4 TON, 4 X 4, UTILITY, M38A1,
PB-169 308 13F U 41 10 HC$ 1.00 MF$ 0.50

HUMAN ENGINEERING, CONTROL SYSTEMS
HUMAN OPERATOR CONTROL SYSTEMS: I. THE INTERACTION BETWEEN MODES OF INFORMATION DISPLAY AND CONTROL SYSTEM DYNAMICS WITH A SINE WAVE COURSE,
AD-630 880 5H T 66 10 HC$ 6.60 MF$ 0.75

HUMAN OPERATOR CONTROLS SYSTEMS: II. THE INTERACTION OF DISPLAY MODE, CONTROL SYSTEM DYNAMICS AND COURSE FREQUENCY,
AD-630 881 5H T 66 10 HC$ 7.60 MF$ 0.75

HUMAN ENGINEERING, HANDBOOKS
GUIDEBOOK FOR THE COLLECTION OF HUMAN FACTORS DATA.
AD-631 023 5E T 66 10 HC$ 4.00 MF$ 0.75

HUMAN ENGINEERING, MANAGEMENT PLANNING
BASIC HUMAN FACTORS TASK DATA RELATIONSHIPS IN AEROSPACE SYSTEM DESIGN AND DEVELOPMENT.
AD-630 638 5E T 66 10 HC$ 3.00 MF$ 0.75

HUMAN ENGINEERING, PRESSURE SUITS
SPACE SUIT: DETERMINATION OF THE GEOMETRY AND MINIMUM VOLUME OF THE ENVELOPE REQUIRED FOR DONNING AND DOFFING OF. GEOMETRIC AND VOLUMETRIC DETERMINATIONS OF THE MINIMAL ENVELOPE FOR DONNING THE FULL PRESSURE SUIT,
AD-410 471 6K U 41 10 HC$ 5.60

HUMAN ENGINEERING, SPACECRAFT
HUMAN FACTORS INFORMATION REQUIREMENTS FOR SPACE SYSTEM DEVELOPMENT.
N66-12959 5E U 41 09 HC$ 5.00 MF$ 1.00

HUMAN ENGINEERING, TANKS(COMBAT VEHICLES)
AN EVALUATION OF THE HUMAN AND SPACE ENGINEERING STUDIES TANK, 90MM GUN, T42,
PB-169 310 19C U 41 10 HC$ 2.00 MF$ 0.50

SYSTEMS EVALUATION OF THE TANK 76MM GUN, M41A1,
PB-169 311 19C U 41 10 HC$ 4.00 MF$ 1.00

HUMAN ENGINEERING, WEAPON SYSTEMS
THE ROLE OF COMPUTERS IN HANDLING AEROSPACE SYSTEMS HUMAN FACTORS TASK DATA.
AD-631 182 5H T 66 10 HC$ 5.00 MF$ 1.00

HUMANS, RADIATION MEASUREMENT SYSTEMS
THE ROCKY FLATS BODY COUNTER,

RFP-462 6R U 41 09 HC$ 1.00 MF$ 0.50

HUMIDITY, ATMOSPHERIC REFRACTION
INVESTIGATION OF REFRACTOMETER MEASUREMENTS IN THE ATMOSPHERE AT HIGH RELATIVE HUMIDITIES AND TEMPERATURES.
AD-630 293 4A T 66 09 HC$ 5.00 MF$ 1.00

HUMIDITY, SCINTILLATION
THE APPARENT DEPENDENCE OF TERRESTRIAL SCINTILLATION INTENSITY UPON ATMOSPHERIC HUMIDITY.
AD-630 117 4A T 66 09 HC$ 2.00 MF$ 0.50

HUNGARY, COMMERCE
HUNGARIAN REPUBLIC.
PB-169 566 5C U 41 10 HC$ 3.00 MF$ 0.75

HYBRID ROCKET PROPELLANTS, COMBUSTION
COMBUSTION BEHAVIOR OF THERMOPLASTIC POLYMER SPHERES.
AD-630 912 21I T 66 10 HC$25.00 MF$ 1.25

HYDRATES, CHEMICAL ANALYSIS
ETUDE DE L'EAU DE CONSTITUTION DE PLUSIEURS OXYDES A GRANDE SURFACE SPECIFIQUE (GLUCINE, ALUMINE, SILICE-ALUMINE) (STUDY ON THE BOUND WATER OF SEVERAL HIGH SPECIFIC SURFACE-AREA OXIDES (BERYLLIA, ALUMINA, SILICA-ALUMINA)).
PB-169 235 7B U 41 10 HC$ 3.00 MF$ 0.75

HYDRAULIC FLUIDS, SYNTHESIS(CHEMISTRY)
SYNTHESIS OF NEW FIRE RESISTANT HYDRAULIC FLUIDS.
AD-467 954 11H U 41 09 HC$ 1.00 MF$ 0.50

HYDRAULIC SYSTEMS, DAMPING
HYDRAULIC DAMPING MECHANISM FOR A MOUNT.
PATENT 3,236,153 13G U 41 10

HYDRAULIC SYSTEMS, TEST EQUIPMENT
NOL HYDRAULIC RING TENSILE TESTER.
PB-169 641 14B U 41 10 HC$ 2.60

HYDROCARBONS, CHEMILUMINESCENCE
CHEMILUMINESCENCE OF HYDROCARBON OXIDATION.
AD-631 111 7E T 66 10

HYDROCARBONS, GAS CHROMATOGRAPHY
USE OF COARSE POROUS GLASS IN GAS-ADSORPTION CHROMATOGRAPHY FOR THE SEPARATION OF LIQUID HYDROCARBONS.
AD-630 970 7D T 66 10 HC$ 1.60 MF$ 0.50

HYDRODYNAMIC CONFIGURATIONS, FLUID DYNAMIC PROPERTIES
THE EXCITING FORCES ON A MOVING BODY IN WAVES.
AD-630 305 20D T 66 09

HYDRODYNAMICS, BOILING WATER REACTORS
HYDRODYNAMIC INSTABILITY LIMITING THE POWER OF BOILING WATER REACTORS.
EURAEC-1230 18L U 41 09 HC$ 2.00 MF$ 0.50

HYDRODYNAMICS, SCIENTIFIC RESEARCH
REPORT ABSTRACTS, GENERAL HYDROMECHANICS RESEARCH PROGRAM, CONTRACT PORTION.
AD-630 068 13J T 66 09 HC$ 4.00 MF$ 1.00

HYDRODYNAMICS, WATER WAVES
A HIGHER ORDER THEORY FOR DEEP WATER WAVES.
AD-630 544 20D T 66 10 HC$ 2.00 MF$ 0.50

HYDROFOIL BOATS, SHIP STRUCTURAL COMPONENTS
INSTRUMENTATION AND STATIC CALIBRATION OF THE FOIL SYSTEMS OF THE NAVY HYDROFOIL BOAT PLAINVIEW (AG(EH)-1).
AD-629 872 13J T 66 09 HC$ 3.00 MF$ 0.75

HYDROFOILS, CAVITATION
SUPERCAVITATING FLAT-PLATE WITH AN OSCILLATING FLAP AT ZERO CAVITATION NUMBER.
AD-630 353 20D T 66 09 HC$ 6.60 MF$ 0.75

HYDROFOILS, DESIGN
ON THE EXISTENCE OF ZERO FORM-DRAG AND HYDRODYNAMICALLY STABLE SUPERCAVITATING HYDROFOILS.
AD-630 354 13J T 66 09 HC$ 5.60 MF$ 0.50

HYDROFOILS, LOADING(MECHANICS)
COMPUTATION OF OSCILLATORY LOADS ON A SUPERCAVITATING HYDROFOIL.
AD-467 044 13J U 41 09 HC$ 2.00 MF$ 0.50

HYDROFOILS, PERFORMANCE(ENGINEERING)
ON THE FORCES AND HINGE MOMENT OF A STRUT -WING-POD HYDROFOIL ASSEMBLY UNDERGOING RETRACTION IN A BEAM SEA.
AD-630 818 13J T 66 10 HC$ 2.00 MF$ 0.50

HYDROGEN COMPOUNDS, SULFIDES
PLASMA JET CHEMISTRY.
AD-630 549 7B T 66 10 HC$ 2.00 MF$ 0.50

HYDROGEN EMBRITTLEMENT, STAINLESS STEEL
STRESS CORROSION AND HYDROGEN CRACKING OF 17-7 STAINLESS STEEL.
AD-630 071 11F T 66 09

HYDROGEN PEROXIDE, CHEMICAL REACTIONS
STUDY OF BASIC BIO-ELECTROCHEMISTRY.
N66-15065 7D U 41 10 HC$ 1.00 MF$ 0.50

HYDROGEN SAFETY
HYDROGEN SAFETY.
N66-13085 13L U 41 09 HC$ 2.00 MF$ 0.50

HYDROGEN, PRODUCTION
HYDROGEN GENERATION FOR FUEL CELLS.
AD-462 470 10A U 41 09 HC$ 8.60

HYDROGEN, ZIRCONIUM ALLOYS
THE MECHANISM OF DIFFUSION AND PRECIPITATION OF HYDROGEN IN ZIRCONIUM AND ITS ALLOYS, PERIOD COVERED MAY 1 - AUGUST 31, 1964.
EURAEC-1099 11F U 41 09 HC$ 3.00 MF$ 0.75

HYDROGEN, ATOMIC PROPERTIES
ATOMIC DENSITY MEASUREMENTS IN NITROGEN, OXYGEN, AND HYDROGEN AFTERGLOW PLASMAS.
AD-629 924 20I T 66 09 HC$ 3.00 MF$ 0.75

HYDROGEN, BUBBLES
THE HYDROGEN-BUBBLE, FLOW-VISUALIZATION TECHNIQUE.
AD-630 468 14B T 66 09 HC$ 3.00 MF$ 0.50

HYDROGEN, BURNING RATE
CALCULATIONS OF BURNING VELOCITIES FOR HYDROGEN-BROMINE MIXTURES: I. MALLARD-LE CHATELIER EQUATION.
AD-630 831 21B T 66 10 HC$ 1.60 MF$ 0.50

CALCULATIONS OF BURNING VELOCITIES FOR HYDROGEN-BROMINE MIXTURES: II. SQUARE ROOT LAW (TANFORD AND PEASE).
AD-630 832 21B T 66 10 HC$ 2.60 MF$ 0.50

HYDROGEN, CHEMICAL PROPERTIES
A COMPILATION OF THE PROPERTY DIFFERENCES OF ORTHO AND PARA HYDROGEN OR MIXTURES OF ORTHO AND PARA HYDROGEN.
N66-13084 7D U 41 09 HC$ 2.00 MF$ 0.50

HYDROGEN, DIFFUSION
RESEARCH ON DIFFUSION OF HYDROGEN THROUGH PALLADIUM-SILVER ALLOY, PHASE 3.
N66-12929 11F U 41 09 HC$ 3.00 MF$ 0.75

HYDROGEN, ELECTRON BOMBARDMENT
A COMPARISON OF THE CROSS SECTIONS FOR IONIZATION OF THE EXCITED STATES OF HYDROGEN BY ELECTRONS CALCULATED USING GRYZINSKI'S CLASSICAL THEORY AND BORN'S QUANTAL THEORY.
AD-630 010 7D T 66 09

FORMATION OF H(-) BY ELECTRON IMPACT ON H2 AT LOW ENERGY.
AD-630 505 7D T 66 09

HYDROGEN, FLAMES
TEMPERATURE AND CONCENTRATION CHANGES IN THE REACTION OF HYDROGEN AND BROMINE IN VARIOUS GAS MIXTURES.
AD-630 829 21B T 66 10 HC$ 1.60 MF$ 0.50

RATE CONSTANTS FOR REACTIONS IN THE HYDROGEN-BROMINE SYSTEM.
AD-630 830 21B T 66 10 HC$ 1.60 MF$ 0.50

HYDROGEN, FUEL CELLS
HYDROGEN-OXYGEN ELECTROLYTIC REGENERATIVE FUEL CELLS.
N66-13128 10A U 41 09 HC$ 2.00 MF$ 0.50

HYDROGEN, GLOW DISCHARGES
AFTERGLOW STUDIES IN NOBLE-GAS-HYDROGEN MIXTURES.
AD-630 222 20I T 66 09

HYDROGEN, HEATING
RADIANT HEATING OF A SEEDED GAS IN A COAXIAL-FLOW GASEOUS REACTOR.
N66-14705 18J U 41 09 HC$ 1.00 MF$ 0.50

HYDROGEN, IONOSPHERE
FRACTIONAL CONCENTRATION OF HYDROGEN IONS IN THE IONOSPHERE FROM VLF PROTON WHISTLER MEASUREMENT.
AD-630 020 4A T 66 09

HYDROGEN, MASS SPECTRUM
ISOTOPIC MASSES OF HYDROGEN, CHLORINE, BARIUM, CERIUM, AND NEODYMIUM.
AD-630 571 18B T 66 10

HYDROGEN, NUCLEAR CROSS SECTIONS
HIGH-ENERGY CROSS SECTIONS FOR ELECTRON EXCITATIONS OF EXCITED HYDROGEN ATOMS IN WHICH THE PRINCIPAL QUANTUM NUMBER IS CHANGED BY 1.
AD-630 157 7D T 66 09

HYDROGEN, RECOMBINATION REACTIONS
STOM RECOMBINATION ON SURFACES.
AD-630 339 7D T 66 09 HC$ 2.00 MF$ 0.50

HYDROGEN, ROCKET PROPELLANTS
INVESTIGATION OF COMBUSTION OF HYDROGEN IN A HYPERSONIC AIR-STREAM.
N66-12855 21I U 41 09 HC$ 3.00 MF$ 0.75

HYDROGEN, SOLAR ATMOSPHERE
THE H-ALPHA DOUBLE LIMB: A SCATTERED -LIGHT PHENOMENON.
AD-631 096 3B T 66 10

HYDROGRAPHIC SURVEYING, RADIO NAVIGATION
OMEGA IN THE ATLANTIC (1963-1965): IN-PORT MEASUREMENTS FROM HMS VIDAL AND HR. MS. SNELLIUS ON OCEANOGRAPHIC SURVEY NAVADO.
AD-631 008 17G T 66 10 HC$ 2.60 MF$ 0.50

HYDROJET ENGINES, SCIENTIFIC RESEARCH
ON CERTAIN PROBLEMS OF WATER JET PROPULSION.
AD-630 685 21E T 66 10 HC$ 6.60 MF$ 0.75

HYDROLOGY, GREAT LAKES
CURRENTS AT LITTLE LAKE HARBOR, LAKE SUPERIOR.
AD-630 838 8H T 66 10 HC$ 2.00 MF$ 0.50

HYDROLOGY, MATHEMATICAL MODELS
FLOODING MODELS.
AD-631 057 12B T 66 10 HC$ 1.60 MF$ 0.50

HYDROSTATICS, TWO-PHASE FLOW
HYDROSTATICS OF A FLUID BETWEEN PARALLEL PLATES AT LOW BOND NUMBERS,
N66-13564 20D U 41 09 HC$ 2.00 MF$ 0.50

HYGROMETERS, USSR
SPRING-WOUND PSYCHROMETER, GOST 6353-52 AND ELECTRIC PSYCHROMETER M-34.
AD-630 858 4B T 66 10 HC$ 2.60 MF$ 0.50

HYPER VELOCITY PROJECTILES, IMPACT SHOCK
STRESS WAVES IN COMPOSITE LAMINATES,
AD-465 129 20X U 41 10 HC$ 4.00 MF$ 0.75

HYPERBOLIC NAVIGATION, GLOBAL COMMUNICATION SYSTEMS
OMEGA, A WORLD-WIDE NAVIGATIONAL SYSTEM.
AD-630 900 17G T 66 10 HC$ 7.00 MF$ 1.75

HYPERFINE STRUCTURE, BROMINE
HYPERFINE STRUCTURE AND OCTOPOLE INTERACTION IN STABLE BROMINE ISOTOPES,
AD-630 062 7D T 66 09

HYPERFINE STRUCTURE, HELIUM
CORRECTION TO THE (HE3,2-TRIPLET-S SUB 1) TO (HE3(+),2-DOUBLET-S SUB 1/2) HYPERFINE-STRUCTURE RATIO.
AD-630 226 7D T 66 09

RELATIVISTIC CORRECTIONS TO THE FINE STRUCTURE OF HELIUM.
AD-630 297 7D T 66 09

HYPERFINE STRUCTURE, POLARIZATION
VACUUM POLARIZATION CORRECTIONS TO HYPERFINE STRUCTURE IN MUONIC ATOMS.
AD-630 232 7D T 66 09

HYPERONS, INVARIANCE
UNITARY SYMMETRY AND WEAK INTERACTIONS. III. NONLEPTONIC HYPERON DECAY,
AD-630 213 20J T 66 09

HYPERONS, NUCLEAR REACTIONS
MODEL OF C VIOLATION IN SEMISTRONG INTERACTIONS,
AD-630 088 20H T 66 09

HYPERONS, RELATIVITY THEORY
NONLEPTONIC HYPERON DECAY AND THE RELATIVISTIC GENERALIZATION OF SU(6),
AD-630 381 20J T 66 09

HYPEROVELOCITY PROTECTILES, SHOCK TUBES
FEASIBILITY OF ACCELERATING MICRON-SIZE PARTICLES IN SHOCK-TUBE FLOWS FOR HYPERVELOCITY DEGRADATION OF REFLECTIVE SURFACES,
N66-14711 4A U 41 09 HC$ 2.00 MF$ 0.50

HYPERSONIC CHARACTERISTICS, CONICAL BODIES
EQUATIONS AND CHARTS FOR THE EVALUATION OF FORCES ON SPHERICALLY BLUNTED CONES BY THE NEWTONIAN THEORY,
AD-631 149 20D T 66 10 HC$ 2.00 MF$ 0.50

HYPERSONIC CHARACTERISTICS, PRESSURE
AN ENGINEERING METHOD FOR RAPID CALCULATION OF SUPERSONIC-HYPERSONIC PRESSURE DISTRIBUTIONS ON LIFTING AND NON-LIFTING POINTED BODIES OF REVOLUTION AND SEVERAL SPECIAL CASES OF BLUNT-NOSED BODIES OF REVOLUTION.
AD-630 342 20D T 66 09 HC$ 3.00 MF$ 0.75

HYPERSONIC CHARACTERISTICS, TEST METHODS
INVESTIGATIONS IN SOVIET HYPERVELOCITY TESTING TECHNIQUE.
AD-630 450 20D T 66 09 HC$ 3.00 MF$ 0.75

HYPERSONIC FLIGHT, TEST FACILITIES
AN ANALYTICAL STUDY OF THE SUPERSONIC COMPRESSOR AS A MEANS OF OBTAINING HYPERSONIC FLOW SIMULATION AT LOW ALTITUDES.
AD-466 489 20D U 41 10 HC$ 4.60 MF$ 0.50

HYPERSONIC FLOW, AERODYNAMIC CONFIGURATIONS
ENGINEERING JOURNAL (SELECTED ARTICLES).
AD-630 969 20D T 66 10 HC$ 2.60 MF$ 0.50

HYPERSONIC FLOW, BLUNT BODIES
ON THE USE OF THE SHOCK LAYER APPROXIMATION IN THE INVERSE HYPERSONIC BLUNT BODY PROBLEM,
AD-630 780 20D T 66 10 HC$ 5.60 MF$ 0.75

HYPERSONIC FLOW, CONICAL BODIES
MASS TRANSFER AND FIRST-ORDER BOUNDARY-LAYER EFFECTS ON SHARP CONE DRAG,
AD-629 955 20D T 66 09 HC$ 6.60 MF$ 0.75

HYPERSONIC FLOW, CYLINDRICAL BODIES
HYPERSONIC FLOW OF AIR PAST A CIRCULAR CYLINDER WITH NON-EQUILIBRIUM OXYGEN DISSOCIATION INCLUDING DISSOCIATION OF THE FREE STREAM,
N66-12861 20D U 41 09 HC$ 2.00 MF$ 0.50

HYPERSONIC FLOW, FLARED AFTERBODIES
A THEORETICAL AND EXPERIMENTAL STUDY OF HYPERSONIC FLOW OVER FLARED BODIES AT INCIDENCE,
N66-14762 1A U 41 09 HC$ 2.00 MF$ 0.50

HYPERSONIC FLOW, HIGH-TEMPERATURE RESEARCH
LOW DENSITY HIGH TEMPERATURE GAS DYNAMICS.
AD-629 779 14B T 66 09 HC$ 1.60 MF$ 0.50

HYPERSONIC FLOW, PLASMA MEDIUM
IONIZATION IN HYPERSONIC WAKES. REVIEW OF MICROWAVE PROBE INSTRUMENTATION AND SUMMARY OF PRELIMINARY DATA.
AD-294 868 1A U 41 10 HC$ 3.00

HYPERSONIC FLOW, PLASMA PHYSICS
PLASMA FREQUENCY AND ELECTRON COLLISION FREQUENCY CHARTS FOR HYPERSONIC VEHICLE EQUILIBRIUM FLOW FIELDS IN AIR.
AD-294 472 1A U 41 10 HC$ 1.00

HYPERSONIC FLOW, SIMULATION
AN ANALYTICAL STUDY OF THE SUPERSONIC COMPRESSOR AS A MEANS OF OBTAINING HYPERSONIC FLOW SIMULATION AT LOW ALTITUDES.
AD-466 489 20D U 41 10 HC$ 4.60 MF$ 0.50

HYPERSONIC FLOW, TEST FACILITIES
DESIGN, OPERATION AND PRELIMINARY RESULTS OF THE BRL EXPANSION TUBE,
AD-630 065 14B T 66 09 HC$ 4.60 MF$ 0.50

HYPERSONIC NOZZLES, CALIBRATION
CALIBRATION OF A MACH 12 SQUARE NOZZLE.
AD-467 022 1A U 41 09 HC$ 2.00 MF$ 0.50

HYPERSONIC NOZZLES, WIND TUNNEL NOZZLES
FLOW STUDIES IN A CONTOURED NOZZLE DESIGNED FOR A SMALL HELIUM HYPERSONIC WIND TUNNEL.
AD-466 354 20D U 41 10 HC$ 4.60 MF$ 0.50

HYPERSONIC WIND TUNNELS, ARC HEATERS
DESIGN AND OPERATION OF THE BATTERY POWER SUPPLY OF A HYPERSONIC PROPULSION FACILITY (U),
AD-466 360 14B U 41 10 HC$ 7.60 MF$ 0.75

HYPERSONIC WIND TUNNELS, HEATERS
NON-CONTAMINATING COMBUSTION AIR HEATER FOR WIND TUNNELS.
AD-451 305 14B U 41 09 HC$ 2.60

HYPERSONIC WIND TUNNELS, NOZZLES
CALIBRATION OF A MACH 12 SQUARE NOZZLE.
AD-467 022 1A U 41 09 HC$ 2.00 MF$ 0.50

HYPERSONIC WIND TUNNELS, WIND TUNNEL NOZZLES
FLOW STUDIES IN A CONTOURED NOZZLE DESIGNED FOR A SMALL HELIUM HYPERSONIC WIND TUNNEL.
AD-466 354 20D U 41 10 HC$ 4.60 MF$ 0.50

HYPERVELOCITY GUNS, INTERIOR BALLISTICS
HYPERVELOCITY LAUNCHERS. PART 2: COMPOUND LAUNCHERS - DRIVING TECHNIQUES,
AD-631 065 14B T 66 10 HC$22.60 MF$ 1.25

HYPERVELOCITY GUNS, LIGHT GAS GUNS
EXPLOSIVE GAS GUN FOR RE-ENTRY SIMULATION.
AD-630 801 14B T 66 10 HC$ 3.00 MF$ 0.75

HYPERVELOCITY PROJECTILES, PYROLYTIC GRAPHITE
BONDING OF A PYROLYTIC GRAPHITE HYPERVELOCITY IMPACT TARGET.
N66-13127 13H U 41 09 HC$ 1.00 MF$ 0.50

HYPERVELOCITY PROJECTILES, WAKE
MILLIMETER WAVELENGTH FOCUSED PROBES AND FOCUSED, RESONANT PROBES FOR USE IN STUDYING IONIZED WAKES BEHIND HYPERSONIC VELOCITY PROJECTILES.
AD-413 158 1A U 41 10 HC$ 3.00

HYPERVENTILATION, THRESHOLDS(PHYSIO LOGY)
INFLUENCE OF ARTERIAL OXYGEN TENSION ON APNEIC THRESHOLD FOR CARBON DIOXIDE IN NORMOTHERMIC AND HYPOTHERMIC DOGS.
AD-629 870 6E T 66 09 HC$ 1.00 MF$ 0.50

HYPERVENTILATION, VIBRATION
EFFECT OF CO2 AND WHOLE-BODY VIBRATION ON VENTILATION,
AD-630 579 6S T 66 10

HYPOTHERMIA, BEHAVIOR
PERFORMANCE OF SMALL MAMMALS AT LOW BODY TEMPERATURES.
AD-630 707 6C T 66 10 HC$ 2.00 MF$ 0.50

HYPOTHERMIA, BLOOD CIRCULATION
EMPLOYMENT OF CROSS CIRCULATION AND MULTIPLE HEAT EXCHANGERS TO INDUCE DEEP HYPOTHERMIA: ITS USE IN THE STUDY OF CENTRAL NERVOUS SYSTEM CHANGES.
AD-475 558 6E U 41 10 HC$ 1.00 MF$ 0.50

ICE ISLANDS, ANTARCTIC REGIONS
SEA ICE STRENGTH STUDIES ON MCMURDO SOUND DURING THE AUSTRAL SUMMER 1964-65.
AD-630 201 8L T 66 09 HC$ 1.00 MF$ 0.50

ICE ISLANDS, VIBRATION
NATURAL AND MAN-MADE ICE VIBRATIONS IN THE CENTRAL ARCTIC OCEAN IN THE FREQUENCY RANGE FROM 0.1 TO 100 CPS.
AD-467 176 8L U 41 10 HC$ 6.60 MF$ 0.75

ICE, ANTARCTIC REGIONS
MEASUREMENT OF NATURAL PARTICULATE FALLOUT ONTO HIGH POLAR ICE SHEETS. PART I. LABORATORY TECHNIQUES AND FIRST RESULTS.
AD-630 902 14B T 66 10 HC$ 3.00 MF$ 0.75

ICE, GREAT LAKES
GREAT LAKES ICE COVER, WINTER 1964-65.
AD-630 839 8H T 66 10 HC$ 3.00 MF$ 0.75

ICE, MELTING
PRELIMINARY CALCULATION OF THE ENERGY REQUIREMENT FOR PLACING AN INSTRUMENT PACKAGE UNDER ICE.
AD-630 982 8L T 66 10 HC$ 2.00 MF$ 0.50

ICE, PENETRATION
PENETRATION STUDIES OF ICE WITH APPLICATION TO ARCTIC AND SUBARCTIC WARFARE.
AD-630 122 8L T 66 09 HC$ 4.60 MF$ 0.50

ICE, TRANSPORT PROPERTIES
MIGRATION OF LIQUID INCLUSIONS IN SINGLE ICE CRYSTALS.
AD-630 978 8L T 66 10 HC$ 1.00 MF$ 0.50

ICONOSCOPES, SENSITIVITY
BRIGHTNESS INTENSIFIER STUDY.
AD-631 188 9A T 66 10 HC$ 5.60 MF$ 0.50

IDENTIFICATION SYSTEMS, DISPLAY SYSTEMS
POLAR VIDEO GATING OF RADAR AND IFF DISPLAYS USING CARTESIAN CONTROL.
AD-630 202 17I T 66 09 HC$ 1.00 MF$ 0.50

IDENTIFICATION, INPUT-OUTPUT DEVICES
IDENTIFICATION FROM APERIODIC DISCRETE-TIME DATA WITH APPLICATIONS TO THE ESTIMATION OF EXPONENTIAL PARAMETERS,
AD-630 300 12B T 66 09 HC$ 2.60 MF$ 0.50

IDENTITIES, MATRIX ALGEBRA
MATRIX APPLICATIONS OF A QUADRATIC IDENTITY FOR DECOMPOSABLE SYMMETRIZED TENSORS,
AD-630 516 12A T 66 09

IGNITION, PARTICLE BEAMS
THE CONDITION OF COMBUSTION IN NON-THERMAL ACTIVATION OF COMBUSTIBLE MIXTURE,
AD-630 288 21B T 66 09 HC$ 1.60 MF$ 0.50

ILLUSIONS, MOTION
THE INFLUENCE OF REPETITION RATE ON APPARENT MOVEMENT.
AD-630 607 5J T 66 10 HC$ 1.00 MF$ 0.50

IMAGE INTENSIFIERS(ELECTRONICS), BRIGHTNESS
BRIGHTNESS INTENSIFIER STUDY.
AD-631 188 9A T 66 10 HC$ 5.60 MF$ 0.50

IMAGE INTENSIFIERS(ELECTRONICS), FIBER OPTICS
IMAGE INTENSIFIER DEVICE WITH MIRROR ON REAR SURFACE, PHOTOCATHODE ON FRONT SURFACE, AND FIBER OPTICS IN CENTER OF REAR SURFACE.
PATENT 3,229,105 9A U 41 10

IMAGE INTENSIFIERS(ELECTRONICS), METAL FILMS
THIN FILM IMAGE CONVERTER.
AD-446 867 9A U 41 10 HC$ 4.60

IMAGE TUBES, ARMY RESEARCH
THIN FILM IMAGE CONVERTER.
AD-446 867 9A U 41 10 HC$ 4.60

IMAGE TUBES, ELECTRON MULTIPLIERS
RESEARCH INVESTIGATIONS ON SMOOTHING ELECTRON MULTIPLIER FOR ELECTRONIC-SCANNED IMAGE TUBE.
AD-630 711 17B T 66 10 HC$ 3.00 MF$ 0.75

IMAGE TUBES, SPACECRAFT
1-1/2 INCH RUGGED IMAGE DISSECTOR TUBE.
N66-15102 9A U 41 10 HC$ 2.00 MF$ 0.50

IMMUNITY, BACILLUS ANTHRACIS
STUDY OF THE REACTION TO CHEMICALLY SORBED ANTHRAX VACCINE IN SMALL GROUPS OF PEOPLE,
AD-630 738 6E T 66 10 HC$ 1.10 MF$ 0.50

IMMUNITY, TEST METHODS
A TEST OF THE SUITABILITY OF DRY LIVE TULAREMIA VACCINE AND TULARIN FOR THE ERECTION OF A SKIN REACTION,
AD-630 724 6M T 66 10 HC$ 1.10 MF$ 0.50

ON THE STUDYING OF AN ALLERGIC SKIN REACTION AS AN INDICATION OF IMMUNITY TO TULAREMIA,
AD-630 725 6M T 66 10 HC$ 1.60 MF$ 0.50

IMPACT FUZES, TEST EQUIPMENT
TEST DEVICE FOR IMPACT AND CENTRIFUGAL SWITCHES UTILIZING A MAGNETIC FIELD TO SIMULATE INERTIAL FORCES.
PATENT 3,237,095 14B U 41 10

IMPACT PREDICTION, FIRE CONTROL SYSTEMS
HIT PROBABILITY ON A TANK TYPE TARGET.
AD-630 919 19E T 66 10 HC$ 2.60 MF$ 0.50

IMPACT SHOCK, CLOCKS
EXPERIMENTAL INVESTIGATION OF THE EFFECT OF IMPACT OVERLOADS ON CLOCKWORKS,
AD-630 850 14B T 66 10 HC$ 1.60 MF$ 0.50

IMPACT SHOCK, METALS
A METALLURGICAL STUDY OF HIGH STRAIN RATE DEFORMATION.
AD-629 921 20K T 66 09 HC$ 3.00 MF$ 0.75

IMPACT SHOCK, PASSENGER VEHICLES
DYNAMIC FULL SCALE IMPACT TESTS OF CABLE TYPE MEDIAN BARRIERS TEST SERIES IX,
PB-169 513 13B U 41 10 HC$ 3.00 MF$ 0.75

INCLINED ORBIT TRAJECTORIES, PERTURBA TION THEORY
ON THE NUMERICAL THEORY OF SATELLITES WITH HIGHLY INCLINED ORBITS.
N66-13018 22C U 41 09 HC$ 2.00 MF$ 0.50

INCOMPRESSIBLE FLOW, FLOW SEPARATION
INCOMPRESSIBLE CAVITY FLOWS IN TWO DIMENSIONS AT LOW REYNOLDS NUMBER,
AD-631 177 20D T 66 10 HC$ 4.60 MF$ 0.50

INCOMPRESSIBLE FLOW, MEASUREMENT
ANALYSIS OF UNSTEADY INCOMPRESSIBLE FLOW OUT OF DIFFERENT TANK CONFIGURATIONS,
N66-13079 20D U 41 09 HC$ 2.00 MF$ 0.50

INCOMPRESSIBLE FLOW, NUMERICAL ANALYSIS
NUMERICAL STUDY OF A VISCOUS FLUID PAST A CIRCULAR CYLINDER.
AD-630 930 20D T 66 10 HC$ 3.00 MF$ 0.50

INDEXES, EFFECTIVENESS
PROGRAM OF STUDIES ON THE USE OF PUBLISHED INDEXES. PART I. PROGRAM OF STUDIES.
PB-169 416 5B U 41 10 HC$ 7.60 MF$ 0.75

PROGRAM OF STUDIES ON THE USE OF PUBLISHED INDEXES. PART II. PILOT STUDIES CONDUCTED DURING THE DESIGN PHASE.
PB-169 417 5B U 41 10 HC$ 7.60 MF$ 0.75

INDEXES, SUBJECT INDEXING
A COMPUTER PROGRAM FOR INDEX GENERATION.
AD-630 761 5B T 66 10 HC$ 4.60 MF$ 0.50

INDICATOR LIGHTS, EFFECTIVENESS
EFFECTIVENESS OF WARNING LIGHTS AS A FUNCTION OF FLASH RATE,
PB-169 309 5E U 41 10 HC$ 1.00 MF$ 0.50

INDIUM ALLOYS, ANTIMONY ALLOYS
THERMAL AND ELECTRICAL CONDUCTIVITY OF IMPURE INDIUM ANTIMONIDE.
AD-630 161 20L T 66 09

SOLUTION REGROWTH OF PLANAR INSB LASER STRUCTURES,
AD-630 373 20E T 66 09

INDIUM, RADIOGRAPHY
THE RESPONSE OF X-RAY FILMS TO INDIUM-116 BETA RADIATION FROM NEUTRON-ACTIVATED INDIUM FOILS.
AD-452 163 18H U 41 10 HC$ 1.60

INDOLES, CHEMILUMINESCENCE
CHEMILUMINESCENT SYSTEMS.
AD-629 886 7E T 66 09 HC$ 2.60 MF$ 0.50

INDUSTRIAL MEDICINE, COXIELLA
TO THE QUESTION OF THE DEGREE OF DISSEMINATION OF THE Q-FEVER AMONG THE WORKERS OF THE COTTON INDUSTRY,
AD-630 727 6J T 66 10 HC$ 1.10 MF$ 0.50

INDUSTRIAL MEDICINE, PASTEURELLA
OCCUPATIONAL CASES OF TULAREMIA AND THEIR PREVENTION,
AD-630 726 6J T 66 10 HC$ 1.10 MF$ 0.50

INDUSTRIAL PSYCHOLOGY, JOB ANALYSIS
THE IDENTIFICATION, MEASUREMENT AND FACTOR ANALYSES OF 'WORKER-ORIENTED' JOB VARIABLES.
AD-630 911 5I T 66 10 HC$ 2.00 MF$ 0.50

INDUSTRIES, ASTRONAUTICS
SPACE TECHNOLOGY APPLIED TO MAN'S EARTHLY NEEDS. A FEASIBILITY STUDY ON THE TRANSFER OF AEROSPACE TECHNOLOGY TO INDUSTRY USE,
N66-13375 5A U 41 10 HC$ 3.00 MF$ 0.75

INELASTIC SCATTERING, ELEMENTARY PARTICLES
UNSTABLE-PARTICLE SCATTERING AND THE STRIP APPROXIMATION,
AD-630 237 20H T 66 09

INEQUALI TIES, MATRIX ALGEBRA
A MATRIX VERSION OF RENNIE'S GENERALIZATION OF KANTOROVICH'S INEQUALITY,
AD-630 346 12A T 66 09

INEQUALITIES, BOUNDARY VALUE PROBLEMS
A PRIORI INEQUALITIES AND POINTWISE BOUNDS FOR SOLUTION OF CERTAIN ELLIPTIC AND PARABOLIC BOUNDARY VALUE PROBLEMS.
AD-630 335 12A T 66 09 HC$ 4.00 MF$ 0.75

INEQUALITIES, PARTIAL DIFFERENTIAL EQUATIONS
A DIFFERENTIAL INEQUALITY,
AD-629 866 12A T 66 09

INEQUALITIES FOR NONLOCAL PARABOLIC AND HIGHER ORDER ELLIPTIC EQUATIONS.
AD-630 039 12A T 66 09 HC$ 2.60 MF$ 0.50

INEQUALITIES, POTENTIAL THEORY
SOME INEQUALITIES FOR GENERALIZED AXIALLY SYMMETRIC POTENTIALS WITH ENTIRE AND MEROMORPHIC ASSOCIATES,
AD-630 585 12A T 66 10

INEQUALITIES, QUANTUM MECHANICS
TWO INEQUALITIES FOR CLASSICAL AND QUANTUM SYSTEMS OF PARTICLES WITH HARD CORES,
AD-629 815 20H T 66 09

INFORMA TION RETRIEVAL, AUTOMATION
AUTOMATIC DOCUMENT CLASSIFICATION. PART II. ADDITIONAL EXPERIMENTS.
AD-424 911 5B U 41 10 HC$ 3.60

INFORMA TION RETRIEVAL, CHEMISTRY
RECORDS OF RESEARCH AND DISCOVERY, NEGLECTED ASSETS OF SCIENCE. II. METHODS OF HANDLING CHEMICAL DATA,
PB-169 411 5B U 41 10 HC$ 1.10 MF$ 0.50

INFORMATION RETRIEVAL, GREAT BRITAIN
RECORDS OF RESEARCH AND DISCOVERY, NEGLECTED ASSETS OF SCIENCE. I. SOME PROBLEMS AND THEIR BACKGROUND,
PB-169 412 5B U 41 09 HC$ 1.10 MF$ 0.50

INFORMATION RETRIEVAL, EFFECTIVENESS
OPTIMIZATION AND STANDARDIZATION OF INFORMATION RETRIEVAL LANGUAGE AND SYSTEMS.
AD-630 797 5B T 66 10 HC$ 3.00 MF$ 0.75

METHODOLOGY FOR TEST AND EVALUATION OF DOCUMENT RETRIEVAL

SYSTEMS: A CRITICAL REVIEW AND RECOMMENDATIONS,
PB-169 572 5B U 41 10 HC$ 4.00 MF$ 1.00

INFORMATION RETRIEVAL, HISTORY
INFORMATION RETRIEVAL.
AD-630 152 5B T 66 09 HC$ 2.60 MF$ 0.50

INFORMATION RETRIEVAL, INDEXES
SATIRE: A USER'S SYSTEM OF INFORMATION RETRIEVAL,
AD-630 150 5B T 66 09 HC$ 1.00 MF$ 0.50

INFORMATION RETRIEVAL, INSTRUCTION MANUALS
APPLIED INFORMATION MANAGEMENT SYSTEM USER'S MANUAL.
AD-404 760 5B U 41 10 HC$ 2.60

INFORMATION RETRIEVAL, MANAGE MENT ENGINEERING
EXPERIENCE WITH EDP SUPPORT OF INDIVIDUALS' FIRE MAINTENANCE.
AD-443 751 5B U 41 10 HC$ 1.10

INFORMATION RETRIEVAL, MATHEMATICAL LOGIC
ON THE LOGIC OF INFORMATION RETRIEVAL,
AD-629 801 5B T 66 09

INFORMATION RETRIEVAL, PROGRAMMING(COMPUTERS)
A COMPUTER PROGRAM FOR INDEX GENERATION.
AD-630 761 5B T 66 10 HC$ 4.60 MF$ 0.50

INFORMATION RETRIEVAL, SCIENTIFIC RESEARCH
RESEARCH IN INFORMATION RETRIEVAL. AN INVESTIGATION OF THE TECHNIQUES AND CONCEPTS OF INFORMATION RETRIEVAL.
AD-401 914 5B U 41 10 HC$ 7.60

RAPID, A SYSTEM FOR RETRIEVAL THROUGH AUTOMATED PUBLICATION AND INFORMATION DIGEST.
AD-443 774 5B U 41 10 HC$ 1.60

INFORMATION SCIENCES, 1965.
AD-630 521 5B T 66 10 HC$ 4.00 MF$ 0.75

INFORMATION RETRIEVAL, STATE-OF-THE-ART REVIEWS
INFORMATION STORAGE AND RETRIEVAL, A STATE-OF-THE-ART REPORT,
AD-630 089 5B T 66 09 HC$ 6.00 MF$ 1.50

TECHNIQUES FOR DOCUMENT RETRIEVAL RESEARCH: STATE OF THE ART.
AD-631 071 M 5B,T 66 10 HC$ 2.00 MF$ 0.50

INFORMATION RETRIEVAL, UNITED STATES GOVERNMENT
THESAURUS OF FAA DESCRIPTORS,
PB-169 543 5B U 41 09 HC$ 6.00 MF$ 1.25

INFORMATION THEORY, ANALOG-TO-DIGITAL CONVERTERS
OPTIMUM RATE ALLOCATION FOR ENCODING SETS OF ANALOG MESSAGES,
AD-630 374 9D T 66 09

INFORMATION THEORY, DIFFERENCE EQUATIONS
A METHOD FOR ESTIMATING THE PARAMETERS OF A STABLE DIFFERENCE EQUATION DRIVEN BY SINUSOIDS AND OBSERVED IN THE PRESENCE OF NONWHITE NOISE.
AD-629 934 9D T 66 09 HC$ 3.60 MF$ 0.50

INFORMATION THEORY, FEEDBACK
THE TRANSMISSION CYCLE PARAMETER IN FEEDBACK COMMUNICATION SYSTEMS.
AD-630 560 9D T 66 10 HC$ 2.00 MF$ 0.50

INFORMATION THEORY, PATTERN RECOGNITION
RESEARCH DIRECTED TOWARD PATTERN RECOGNITION CAPABILITIES OF WAVE PROC- ESSES IN ACTIVE ISOTROPIC PROPAGATING MEDIA.
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THE EFFECTS OF DIFFRACTION ON OPTICAL DISCRIMINATION,
AD-630 590 20F T 66 10 HC$ 2.00 MF$ 0.50

INFORMATION THEORY, PHASE MODULATION
A COMPARISON OF OPTIMUM ANGLE MODULATION SYSTEMS AND RATE-DISTORTION BOUNDS,
AD-630 494 9D T 66 09

INFORMATION THEORY, PHASE-LOCKED COMMUNICATION SYSTEMS
PHASE ERROR ANALYSIS FOR AN ACTIVE ARRAY SYSTEM.
AD-630 465 9D T 66 09 HC$ 2.00 MF$ 0.50

INFORMATION THEORY, PROGRAMMING (COMPUTERS)
A COMPUTER SIMULATION OF ADAPTIVE ROUTING TECHNIQUES FOR DISTRIBUTED COMMUNICATIONS SYSTEMS,
AD-630 301 17B T 66 09 HC$ 2.00 MF$ 0.50

INFORMATION THEORY, QUEUEING THEORY
ADAPTIVE ROUTING TECHNIQUES FOR DISTRIBUTED COMMUNICATIONS SYSTEMS,
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INFORMATION THEORY, SCIENTIFIC RESEARCH
INFORMATION SCIENCES, 1965.
AD-630 521 5B T 66 10 HC$ 4.00 MF$ 0.75

INFORMATION THEORY, SENSORY PERCEPTION
MAN'S SENSES AS INFORMATIONAL CHANNELS,
AD-630 025 6P T 66 09 HC$ 7.60 MF$ 0.75

INFORMATION THEORY, STATISTICAL ANALYSIS
TEAM DECISION MODELS OF AN INVENTORY SUPPLY ORGANIZATION.
AD-631 079 5A T 66 10

INFORMATION THEORY, STATISTICAL FUNCTIONS
CHANNELS WITH ARBITRARILY VARYING CHANNEL PROBABILITY FUNCTIONS,
AD-630 380 9D T 66 09

INFORMATION THEORY, TELEVISION COMMUNICATION SYSTEMS
PCM PICTURE TRANSMISSION,
AD-630 496 17B T 66 09

INFRARED DETECTORS, INFRARED FILTERS
FILTER WHEEL FOR PORTABLE INFRARED DETECTOR.
PATENT 3,228,292 17E U 41 10

INFRARED DETECTORS, SENSITIVITY
FLUX AVERAGING DEVICES FOR THE INFRARED,
N66-13850 20F U 41 09 HC$ 2.00 MF$ 0.50

INFRARED FILTERS, INFRARED DETECTORS
FILTER WHEEL FOR PORTABLE INFRARED DETECTOR.
PATENT 3,228,292 17E U 41 10

INFRARED IMAGE TUBES, CAMERA TUBES
A NEW CAMERA TUBE, THE INFRACON,
AD-630 687 17B T 66 10 HC$ 1.00 MF$ 0.50

INFRARED IMAGES, SEMICONDUCTING FILMS
THIN FILM IMAGE CONVERTER.
AD-453 855 20L U 41 09 HC$ 4.60

INFRARED RADIATION, EARTH
LONG-WAVE RADIATION EXCHANGE NEAR THE GROUND.
AD-631 094 4B T 66 10

INFRARED RADIATION, PHOTONS
INFRARED PHOTONS AND GRAVITONS,
AD-630 277 20J T 66 09

INFRARED SPECTROSCOPY, EPOXY PLASTICS
INFRARED ANALYSIS OF THE POLYMERIZATION AND LONG-TERM STABILITY OF EPOXY RESINS.
AD-466 612 11I U 41 09 HC$ 1.00 MF$ 0.50

INFRARED SPECTROSCOPY, PAINTS
INFRARED SPECTROSCOPY OF PAINT VEHICLES,
AD-457 586 11C U 41 10 HC$ 1.00

INFRARED SPECTROSCOPY, VENUS
SOLAR SYSTEM SPECTROPHOTOMETRY. DESIGN CONSIDERATIONS FOR A MULTIPLEX DISPERSIVE INFRARED SPECTROMETER.
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INORGANIC ACIDS, SOLUTIONS
SOLUTIONS IN NON-AQUEOUS SOLVENTS.
AD-630 795 7B T 66 10 HC$ 1.60 MF$ 0.50

INORGANIC POLYMERS, SYNTHESIS (CHEMISTRY)
POLYMERIC SULFUR-, PHOSPHORUS-, CARBON NITROGEN - COMPOUNDS.
AD-629 761 7B T 66 09 HC$ 6.60 MF$ 0.75

INPUT-OUTPUT DEVICES, MATHEMATICAL LOGIC
AN IMPROVEMENT IN THE STATE AXIOMS,
AD-630 030 9B T 66 09 HC$ 2.60 MF$ 0.50

INSTRUCTION MANUALS, PREPARATION
COURSE DESIGN MANUAL FOR JOB TRAINING COURSES (A PRELIMINARY EDITION).
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INSTRUMENT FLIGHT, HELICOPTORS
EVALUATION OF FORWARD AREA ASSAULT PLANS FOR ARMY HELICOPTER OPERATIONS.
AD-462 466 15G U 41 10 HC$11.60

INTEGRAL EQUATIONS, ELECTROMAGNETIC FIELDS
ON AN INTEGRAL EQUATION IN ELECTROMAGNETIC DIFFRACTION THEORY.
AD-630 532 20C T 66 10 HC$ 2.00 MF$ 0.50

INTEGRAL EQUATIONS, N-BODY PROBLEM
THREE-BODY N/D EQUATIONS. I. INTEGRAL ANGULAR MOMENTA,
AD-630 309 20H T 66 09

INTEGRAL EQUATIONS, THEOREMS
A FIXED POINT THEOREM FOR IN THE LARGE APPLICATION OF THE CONTRACTION PRINCIPLE,
AD-629 794 12A T 66 09

INTEGRAL TRANSFORMS, FUNCTIONAL ANALYSIS
ON THE SUBSPACE OF L(P) INVARIANT UNDER MULTIPLICATION OF TRANSFORM BY BOUNDED CONTINUOUS FUNCTIONS,
AD-630 396 12A T 66 09

INTEGRAL TRANSFORMS, OPERATORS(MATHEMATICS)
NEUTRALIZED VALUES. 1. INTRODUCTION.
AD-630 548 12A T 66 10 HC$ 2.00 MF$ 0.50

INTEGRALS, FUNCTIONS
SINGULARITIES OF ANALYTIC FUNCTIONS HAVING INTEGRAL REPRESENTATIONS, WITH A REMARK ABOUT THE ELASTIC UNITARITY INTEGRAL,
AD-629 790 12A T 66 09

INTEGRALS, MATRIX ALGEBRA
A NOTE ON THE EVALUATION OF THE TOTAL SQUARE INTEGRAL.
AD-629 795 12A T 66 09

INTEGRALS, QUANTUM MECHANICS
ON THE FEYNMAN INTEGRAL IN DYNAMICS.
AD-630 748 20J T 66 10 HC$ 1.60 MF$ 0.50

INTEGRATED CIRCUITS, COMPUTERS
ACTIVE LOGIC ELEMENTS USING NON-GALVANIC MODIFYING INPUTS.
AD-630 022 9B T 66 09 HC$ 2.00 MF$ 0.50

INTEGRATED CIRCUITS, PACKAGING
THE MINISTICK PROCESS FOR PACKAGING INTEGRATED CIRCUIT FLAT PACKS.
AD-468 378 9E U 41 10 HC$ 4.60 MF$ 0.50

INTEGRATED CIRCUITS, PLAN POSITION INDICATORS
MIRAGE (MICROELECTRONIC RADAR INDICATOR FOR GROUND EQUIPMENT).
AD-631 180 17I T 66 10 HC$ 3.00 MF$ 0.75

INTEGRATED CIRCUITS, PREPARATION
THIN FILMS FORMED BY ELECTROCHEMICAL REACTIONS.
AD-631 034 9A T 66 10 HC$ 2.00 MF$ 0.50

INTEGRATED CIRCUITS, RADIATION DAMAGE
RADIATION EFFECTS ON INSULATED GATE FIELD EFFECT (MOS) INTEGRATED CIRCUITS.
AD-630 344 9A T 66 09 HC$ 6.60 MF$ 0.75

INTEGRATED CIRCUITS, RADIO RECEIVERS
SMALL SIGNAL FUNCTIONAL CIRCUITS.
AD-630 690 9A T 66 10 HC$ 3.00 MF$ 0.75

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INTEGRATED CIRCUITS, SILICON
INTEGRATED SILICON DEVICE TECHNOLOGY. VOLUME VIII. DIODES.
AD-630 894 9E T 66 10 HC$ 5.00 MF$ 1.00

INTEGRATION, DIFFERENTIAL EQUATIONS
THE NUMBER OF INTEGRABLE-SQUARE SOLUTIONS OF ORDINARY DIFFERENTIAL EQUATIONS.
AD-630 525 12A T 66 10 HC$ 1.00 MF$ 0.50

INTEGRATION, NUMERICAL METHODS AND PROCEDURES
QUADRATURE METHODS BASED ON THE EULER-MACLAURIN FORMULA AND ON THE CLENSHAW-CURTIS METHOD OF INTEGRATION,
AD-630 156 12A T 66 09

INTEGRATORS, METEOROLOGICAL RADAR
THE USE OF AN INTEGRATOR TO INCREASE THE METEOROLOGICAL EFFICIENCY OF A RADAR.
AD-630 674 17I T 66 10 HC$ 1.00 MF$ 0.50

INTEGRATORS, RADIATION MEASUREMENT SYSTEMS
A 'LEAKY' INTEGRATOR CIRCUIT WITH AUTOMATIC SWITCHING,
AD-630 239 18D T 66 09

INTEGU MENTARY DISEASES, MYCOBACTERIUM
BURULI ULCERATION, A CLINICOPATHOLOGIC STUDY OF 38 UGANDANS WITH MYCOBACTERIUM ULCERANS ULCERATION.
AD-630 385 6E T 66 09

INTELLIGIBILITY, PSYCHOMETRICS
TECHNIQUE FOR EVALUATION OF SPEECH SYSTEMS.
AD-462 836 17B U 41 10 HC$ 3.00

AD-473 995 17B U 41 10 HC$ 3.00 MF$ 0.75

INTERCOMMUNICATION SYSTEMS, DISPLAY SYSTEMS
THE ELECTRONIC WARFARE GRAPHIC INTERCOM SYSTEM.
AD-630 777 17B T 66 10 HC$ 3.60 MF$ 0.50

INTERFERENCE, SIMULATION
SHIPBOARD INTERFERENCE SIMULATOR.
AD-630 989 17B T 66 10 HC$ 2.00 MF$ 0.50

INTERFEROMETERS, ATOMIC ENERGY LEVELS
THE RESPONSE OF SCANNING FABRY-PEROT INTERFEROMETERS TO ATOMIC TRANSITION PROFILES,
AD-630 067 14B T 66 09

INTERFEROMETERS, HYPERSONIC FLOW
DESIGN, OPERATION AND PRELIMINARY RESULTS OF THE BRL EXPANSION TUBE,
AD-630 065 14B T 66 09 HC$ 4.60 MF$ 0.50

INTERFEROMETERS, MICROWAVES
EFFECT OF A RADIALLY INHOMOGENEOUS PLASMA ON MICROWAVE INTERFEROMETER MEASUREMENTS,
UCRL-14438 20I U 41 10 HC$ 1.00 MF$ 0.50

INTERGRATED CIRCUITS, GATES(CIRCUITS)
INTEGRATED CIRCUITS FOR COMBAT AREA EQUIPMENT.
AD-629 892 17I T 66 09 HC$ 2.60 MF$ 0.50

INTERMEDIATE FREQUENCY AMPLIFIERS, CALIBRATION
UNIT I-F AMPLIFIER TYPE 1216-A (GENERAL RADIO CO.).
PB-169 389 9C U 41 10 HC$ 1.60 MF$ 0.50

INTERPLANETARY TRAJECTORIES, OPTIMIZATION
OPTIMIZATION OF DOUBLE-CONIC INTERPLANETARY TRAJECTORIES,
N66-14155 22C U 41 09 HC$ 2.00 MF$ 0.50

INVARIANCE, S-MATRIX
OPERATOR GAUGE TRANSFORMATIONS,
AD-630 306 20J T 66 09

INVENTORY ANALYSIS, OPTIMIZATION
OPTIMAL POLICY FOR A DYNAMIC MULTI-ECHELON INVENTORY MODEL.
AD-630 197 13H T 66 09 HC$ 7.60 MF$ 0.75

INVENTORY ANALYSIS, STATISTICAL PROCESSES
MAXIMUM LIKELIHOOD ESTIMATION OF THE PARAMETERS OF A GEOMETRICALLY COMPOUNDED POISSON PROCESS,
AD-629 907 12B T 66 09 HC$ 1.10 MF$ 0.50

INVENTORY CONTROL, DECISION THEORY
TEAM DECISION MODELS OF AN INVENTORY SUPPLY ORGANIZATION.
AD-631 079 5A T 66 10

IODIDES, IRON COMPOUNDS
THERMODYNAMIC PROPERTIES OF IRON(II) IODIDE(S) FROM EQUILIBRIUM STUDIES,
AD-630 158 7D T 66 09

ION BEAMS, LITHIUM
LITHIUM-LITHIUM SCATTERING,
AD-630 580 20H T 66 10

ION EXCHANGE, AIR
EXPERIMENTAL STUDIES ON HEAVY ION EXCHANGE IN AIR.
AD-630 137 7D T 66 09 HC$ 6.60 MF$ 0.75

ION EXCHANGE, MATERIALS
ETUDE DE QUELQUES PROPRIETES DU PHOSPHATE DE ZIRCONIUM. (STUDY OF SOME PROPERTIES OF ZIRCONIUM PHOSPHATE).
PB-169 355 7B U 41 09 HC$ 6.60 MF$ 0.75

ION SOURCES, MASS SPECTROSCOPY
CRICIBLE SURFACE IONIZATION SOURCE.
PATENT 3,229,157 20G U 41 10

ION SOURCES, POLARIZATION
SURVEY OF POLARIZED ION SOURCES IN EUROPE,
ANL-7118 20G U 41 09 HC$ 4.00 MF$ 0.75

IONIZATION, AIR
PHYSICS OF THE IONIZATION PROCESSES IN AIR,
PB-169 473 20H U 41 10 HC$ 4.60

IONIZATION, PROBABILITY
A COMPARISON OF THE CROSS SECTIONS FOR IONIZATION OF THE EXCITED STATES OF HYDROGEN BY ELECTRONS CALCULATED USING GRYZINSKI'S CLASSICAL THEORY AND BORN'S QUANTAL THEORY.
AD-630 010 7D T 66 09

IONIZATION, THERAPY
THEORY AND PRACTICE OF IONIZED-AIR THERAPY,
AD-630 415 6E T 66 09 HC$14.60 MF$ 1.00

IONOSPHERE, CHARGED PARTICLES
A LIMIT ON STABLY TRAPPED PARTICLE FLUXES,
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IONOSPHERE, ATMOSPHERIC SOUNDING
DIRECT SOUNDING STUDIES OF THE IONOSPHERE.
AD-631 061 4A T 66 10 HC$ 2.00 MF$ 0.50

THE THEORY AND EXPERIMENTAL RESULTS OF AN IONOSPHERIC PROBE EXPERIMENT,
N66-13151 4A U 41 09 HC$ 3.00 MF$ 0.75

THE MULTIPLE IONOSPHERIC PROBE AURORAL IONOSPHERIC REPORT,
N66-13566 4A U 41 09 HC$ 3.00 MF$ 0.75

IONOSPHERE, ELECTRON DENSITY
EVIDENCE OF IONOSPHERIC INHOMOGENEITIES OVER WALLOPS ISLAND.
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DETERMINATION OF THE ELECTRON DENSITY IN THE IONOSPHERE BY THE PULSE DELAY TECHNIQUE.
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IONOSPHERIC PARAMETERS DERIVED FROM ECHO II RADAR RETURNS DURING SOLAR MINIMUM CONDITIONS.
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AURORAL ZONE ELECTRON FLUX AND ITS RELATION TO BROADBEAM RADIOWAVE ABSORPTION,
AD-631 011 4A T 66 10

LANGMUIR PROBES FOR MEASUREMENTS IN THE IONOSPHERE,
N66-12867 14B U 41 09 HC$ 2.00 MF$ 0.50

AN APPLICATION OF SAMPLING THEORY TO THE REDUCTION OF IONOGRAMS.
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ELECTRON DENSITY AND THE ELECTRIC FIELD IN A STEADY-STATE F-LAYER.
N66-14960 4A U 41 10 HC$ 2.00 MF$ 0.50

IONOSPHERE, HYDROGEN
FRACTIONAL CONCENTRATION OF HYDROGEN IONS IN THE IONOSPHERE FROM VLF PROTON WHISTLER MEASUREMENT,
AD-630 020 4A T 66 09

IONOSPHERE, MATHEMATICAL MODELS
THE IONOSPHERE BELOW 100 KM (D-REGION) A SIMPLE MODEL.
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LEAKAGE(FLUID), SUBMARINES
OVERCOMING SUBMARINE CONTROL - SURFACE JAMS AND FLOODING CASUALTIES.
AD-630 823 13J T 66 10 HC$ 2.00 MF$ 0.50

LEARNING MACHINES, DECISION THEORY
A STATISTICAL APPROACH TO THE DESIGN OF INTELLIGENT MACHINES. PATTERN RECOGNITION AND LEARNING.
PB-169 673 9B U 41 10 HC$ 1.60 MF$ 0.50

LEARNING, VERBAL BEHAVIOR
SERIAL CVC LEARNING WITH VARIED M' BUT EQUAL A VALUES.
AD-630 169 5J T 66 09

LEAST SQUARES METHOD, INFORMATION THEORY
A SUMMARY, BY ILLUSTRATIONS, OF LEAST SQUARES FILTERS WITH CONSTRAINTS.
AD-629 968 12A T 66 09 HC$ 1.60 MF$ 0.50

LEAST SQUARES METHOD, PROBABILITY
THE LEAST SQUARES METHOD BASED ON THE FUNDAMENTAL PRINCIPLES OF THE THEORY OF PROBABILITY.
AD-630 267 12A T 66 09 HC$ 2.00 MF$ 0.50

LEAST SQUARES METHOD, STABILITY
ON STABILITY OF LINEAR SMOOTHING FORMULAS.
AD-630 545 12A T 66 10 HC$ 1.00 MF$ 0.50

LEAST SQUARES METHOD, STOCHASTIC PROCESSES
RECENT TRENDS IN MULTIVARIATE PREDICTION THEORY.
AD-630 756 12A T 66 10 HC$ 3.00 MF$ 0.75

LEPTONS, DECAY SCHEMES
KE3 DECAY AND UNIVERSALITY IN CABIBBO'S THEORY OF LEPTONIC DECAYS.
AD-630 320 20H T 66 09

LEPTONS, NUCLEAR REACTIONS
RADIATIVE LEPTON PRODUCTION BY A NEUTRINO BEAM.
AD-630 355 20H T 66 09

LETHAL DOSAGE, MAMMALS
MEDIAN LETHAL DOSE (LD-50/60) STUDIES IN SHEEP FOLLOWING 250 KVP X-IRRADIATION.
AD-631 189 6R T 66 10 HC$ 2.60 MF$ 0.50

LETHAL DOSAGE, RADIOBIOLOGY
A PREDICTION OF EARLY RADIATION LETHALITY USING AN EFFECTIVE DOSE.
CONF-813-1 6R U 41 09 HC$ 2.00 MF$ 0.50

LEUKOCYTES, RADIATION EFFECTS
EFFECTS OF TOTAL-BODY X IRRADIATION ON PERITONEAL AND CIRCULATING LEUCOCYTES OF MICE.
AD-630 103 6R T 66 09 HC$ 2.60 MF$ 0.50

LIGHT COMMUNICATION SYSTEMS, LASERS
OPTICAL COMMUNICATIONS EMPLOYING SEMICONDUCTOR LASERS.
AD-630 243 17B T 66 09 HC$ 3.00 MF$ 0.75

SEMICONDUCTOR LASER COMMUNICATIONS THROUGH MULTIPLE-SCATTER PATHS.
AD-631 168 17B T 66 10

RADIO FREQUENCY FREE COMMUNICATION SYSTEM.
PATENT 3,228,337 17B U 41 10

LIGHT COMMUNICATION SYSTEMS, MODULATION
SOLID-STATE TECHNIQUES FOR MODULATION AND DEMODULATION OF OPTICAL WAVES.
AD-417 225 17B U 41 10 HC$ 2.60

LIGHT GAS GUNS, HYPERVELOCITY GUNS
EXPLOSIVE GAS GUN FOR RE-ENTRY SIMULATION.
AD-630 801 14B T 66 10 HC$ 3.00 MF$ 0.75

LIGHT TRANSMISSION, UNDERWATER
UNDERWATER OPTICS.
AD-631 033 20F T 66 10 HC$ 1.00 MF$ 0.50

LIGHTING EQUIPMENT, RADIOFREQUENCY
LIGHT SOURCES FOR THE EXCITATION OF ATOMIC RESONANCE FLUORESCENCE IN POTASSIUM AND RUBIDIUM,
AD-630 216 20F T 66 09

LIGHTING EQUIPMENT, ULTRAVIOLET RADIATION
ARGON, KRYPTON, AND XENON CONTINUUM LIGHT SOURCES FOR THE VACUUM ULTRAVIOLET.
AD-629 984 20F T 66 09

LIGHTPULSES, TIMING DEVICES
NANOSECOND BACKGROUND SOURCE FOR FLASH PHOTOLYSIS.
AD-630 616 7D T 66 10

LIGHT, CRYSTALLOGRAPHY
LIGHT SCATTERING TECHNIQUES FOR CRYSTAL EVALUATION.
AD-631 041 20B T 66 10 HC$ 4.00 MF$ 0.75

LIGHT, DENSITY
LIGHT DENSITY AND COLOR DISTRIBUTION IN THE EARTH'S SHADOW,
N66-12997 3A U 41 09 HC$ 2.00 MF$ 0.50

LIGHT, THEORY
LIGHT FLUCTUATIONS AS A NEW SPECTROSCOPIC TOOL,
AD-629 929 20F T 66 09

LIGHT, ULTRAVIOLET RADIATION
ARGON, KRYPTON, AND XENON CONTINUUM LIGHT SOURCES FOR THE VACUUM ULTRAVIOLET.
AD-629 984 20F T 66 09

LIGHT, VELOCITY
MEASUREMENT OF THE VELOCITY OF LIGHT.
N66-13647 20F U 41 09 HC$ 3.00 MF$ 0.50

LIMITERS, MANUFACTURING METHODS
PRODUCTION ENGINEERING MEASURE YIG SPHERES AND LIMITERS.
AD-630 317 9A T 66 09 HC$ 3.00 MF$ 0.50

LIMITERS, POWER SUPPLIES
ELECTRICAL RECYCLING CIRCUIT FOR CONTROLLING AND PROTECTING FUNCTIONAL EQUIPMENT.
PATENT 3,229,164 9E U 41 10

LINE SPECTRUM, ALUMINUM ALLOYS
INVESTIGATION OF CONCENTRATION DEPENDENCE OF THE INTENSITY OF ALUMINUM AND ZINC LINES IN CONTACT-PULSE SAMPLING OF THE AL-ZN ALLOY SUBSTANCE,
AD-630 412 11F T 66 09 HC$ 1.10 MF$ 0.50

LINE SPECTRUM, URANIUM
MAGNETIC-DIPOLE INTENSITIES AND ZEEMAN EFFECT IN CS2UC16,
AD-630 681 20L T 66 10

AD-630 681 20L T 66 10

LINEAR PROGRAMMING, ALGORITHMS
AN EXTENSION OF GENERALIZED UPPER BOUNDED TECHNIQUES I FOR STRUCTURED LINEAR PROGRAMS.
AD-630 861 12B T 66 10 HC$ 1.60 MF$ 0.50

THE MINIMAL COST FLOW PROBLEM WITH CONVEX COSTS,
AD-631 075 12B T 66 10

LINEAR PROGRAMMING, MATRIX ALGEBRA
COMPACT BASIS TRIANGULARIZATION FOR THE BLOCK ANGULAR STRUCTURES.
AD-630 120 12B T 66 09 HC$ 1.00 MF$ 0.50

LINEAR PROGRAMMING, NUMERICAL ANALYSIS
CHEBYSHEV SOLUTION OF LARGE LINEAR SYSTEMS.
AD-630 537 12A T 66 10 HC$ 2.00 MF$ 0.50

LINEAR PROGRAMMING, OPTIMIZATION
TWO-STAGE LINEAR PROGRAM UNDER UNCERTAINTY: A BASIC PROPERTY OF THE OPTIMAL SOLUTION.
AD-630 620 12B T 66 10 HC$ 1.60 MF$ 0.50

LINEAR PROGRAMMING, STOCHASTIC PROCESSES
MARKOV RENEWAL PROGRAMMING BY LINEAR FRACTIONAL PROGRAMMING,
AD-631 009 12B T 66 10 HC$ 2.60 MF$ 0.50

LINEAR PROGRAMMING, THEORY
ON THE KUHN-TUCKER THEOREM.
AD-630 119 12B T 66 09 HC$ 2.60 MF$ 0.50

LINGUISTICS, DATA PROCESSING SYSTEMS
QUARTERLY PROGRESS REPORT NO. 25, 1 MAY 1965-31 JULY 1965.
PB-169 317 5G U 41 10 HC$10.60 MF$ 0.75

LIPIDS, METABOLISM
DISTRIBUTION OF LIPIDS IN RATS FED 1,3-BUTANEDIOL,
AD-630 388 6A T 66 09

LIPIDS, X-RAY DIFFRACTION ANALYSIS
X-RAY DIFFRACTION STUDIES ON PERIPHERAL NERVE MYELIN,
AD-630 187 6A T 66 09

LIQUEFIED GASES, HELIUM
PHASE CHANGE IN ADSORBED HELIUM AT LOW TEMPERATURE,
AD-629 831 20M T 66 09

LIQUEFIED GASES, VORTICES
VORTICES IN AN IMPERFECT BOSEGAS. III. SCATTERING OF SINGLE PARTICLE EXCITATIONS,
AD-630 279 20J T 66 09

LIQUID JETS, EXPLOSIONS
CAVITIES AND MICRO MUNRO JETS IN LIQUIDS: THEIR ROLE IN EXPLOSION,
AD-631 103 19D T 66 10

LIQUID LEVEL GAGES, EXPERIMENTAL DESIGN
INVESTIGATION OF MICROWAVE AND SONIC METHODS FOR MEASURING LIQUID LEVEL AND FLOW RATE.
AD-630 315 14B T 66 09 HC$ 2.00 MF$ 0.50

LIQUID METAL COOLANTS, SODIUM
MATERIALS RESEARCH FOR HEAT TRANSFER FLUIDS.
AD-629 960 11G T 66 09 HC$ 2.00 MF$ 0.50

LIQUID METAL COOLED REACTORS, NUCLEAR ENGINEERING
MOLTEN-SALT REACTOR PROGRAM SEMIANNUAL PROGRESS REPORT FOR PERIOD ENDING AUGUST 31, 1965.
ORNL-3872 18I U 41 10 HC$ 5.00 MF$ 1.00

LIQUID METALS, COMPATIBILITY
RELATIONSHIP BETWEEN EMBRITTLEMENT BEHAVIOR AND INTERFACIAL ENERGIES FOR COPPER WETTED WITH BINARY BISMUTH-THALLIUM LIQUID METAL ALLOYS AT 650 F,
AD-630 420 11F T 66 09 HC$ 2.00 MF$ 0.50

LIQUID METALS, EMBRITTLEMENT
LIQUID METAL EMBRITTLEMENT.
AD-470 526 11F U 41 10 HC$ 3.60 MF$ 0.50

LIQUID METALS, MODELS(SIMULATIONS)
PHASE CHANGES AND ELECTRICAL CONDUCTIVITY OF CONCENTRATED LITHIUM-AMMONIA SOLUTIONS AND THE SOLID EUTECTIC,
AD-630 181 7D T 66 09

LIQUID ROCKET PROPELLANTS, THERMOCHEMISTRY
AEROTHERMOCHEMICAL ANALYSIS OF NONOSCILLATORY AND OSCILLATORY CHARACTERISTICS OF LIQUID BIPROPELLANT ROCKET MOTORS - WAVE MODEL, DROPLET HEATING, AND EVAPORATION PROGRAM COMPUTATION.
N66-13083 21I U 41 09 HC$ 1.00 MF$ 0.50

LIQUID ROCKET PROPELLANTS, COMBUSTION
THEORETICAL CONSIDERATIONS RELATING TO THE EFFECT OF INJECTOR DESIGN ON UNSTABLE BURNING OF LIQUID PROPELLANT ROCKET MOTORS.
AD-462 337 21B U 41 10 HC$ 6.60

LIQUID ROCKET PROPELLANTS, VAPORIZATION
AEROTHERMOCHEMICAL ANALYSIS OF NON-OSCILLATORY AND OSCILLATORY CHARACTERISTICS OF LIQUID BIPROPELLANT ROCKET MOTORS DROPLET EVAPORATION, WAVE EQUATIONS, MOTOR INSTRUMENTATION, NON-OSCILLATORY PROGRAM COMPUTATION,
N66-13634 21I U 41 09 HC$ 3.00 MF$ 0.50

LIQUIDS, MEASUREMENT
MEASURING DEVICE.
PATENT 3,228,558 14B U 41 10

LITHIUM, ELASTIC SCATTERING
LITHIUM-LITHIUM SCATTERING,
AD-630 580 20H T 66 10

LITHIUM, ELECTRON BOMBARDMENT
HIGH-ENERGY ELECTRON SCATTERING AS A TEST OF THE NUCLEAR CLUSTER MODEL,
AD-631 176 20H T 66 10 HC$ 1.60 MF$ 0.50

LITHIUM, NUCLEAR REACTIONS
ANGULAR DISTRIBUTIONS FOR THE REACTION C12(LI6, ALPHA) N14 BETWEEN 2 AND 3 MEV,
AD-630 401 20H T 66 09

LITHIUM, PARTICLE BEAMS
EXCHANGE EFFECTS IN THE LI6(HE3,P)BE8 REACTION,
AD-630 238 20H T 66 09

LITHIUM, SOLUTIONS
PHASE CHANGES AND ELECTRICAL CONDUCTIVITY OF CONCENTRATED LITHIUM-AMMONIA SOLUTIONS AND THE SOLID EUTECTIC,
AD-630 181 7D T 66 09

LIVER, FREEZING
THERMAL AND ELECTRICAL CONDUCTIVITIES OF BIOLOGICAL FLUIDS AND TISSUES.
AD-630 303 6P T 66 09 HC$ 1.60 MF$ 0.50

LOADING(MECHANICS), REINFORCED CONCRETE
MOVING LOAD TEST ON EXPERIMENTAL PRESTRESSED CONCRETE HIGHWAY SLAB. PART B. ADDITIONAL INVESTIGATIONS,
PB-169 418 13B U 41 10 HC$ 2.00 MF$ 0.50

LOADING(MECHANICS), STEEL
HIGH-RATE LOADING: EFFECT ON MECHANICAL PROPERTIES OF CR-MO V AND 4340 STEEL AT AMBIENT TEMPERATURE.
AD-453 994 11F U 41 09 HC$ 3.60

LOADING(MECHANICS), STRESSES
DYNAMIC PHOTOELASTICITY.
AD-630 760 20K T 66 10

LOADING(MECHANICS, BEAMS(STRUCTURAL
MOVING LOAD ON A FLEXIBLY SUPPORTED TIMOSHENKO BEAM,

AD-631 160 20K T 66 10

LOCKING FASTENER DEVICES, FINS
DOVETAIL LOCKING DEVICE.
PATENT 3,228,335 16D U 41 10

LOG PERIODIC ANTENNAS, ANTENNA ARRAYS
THE LOGARITHMICALLY PERIODIC RHOMBIC ANTENNA.
AD-630 091 9E T 66 09 HC$ 7.60 MF$ 0.75

LOGARITHMIC AMPLIFIERS, RADAR RECEIVERS
STUDIES OF LOGARITHMIC RADAR RECEIVER USING PULSE-LENGTH DISCRIMINATION.
AD-630 966 17I T 66 10

LOGISTICS, COST EFFECTIVENESS
USES OF AUTOMATED FORCE COST MODELS.
AD-403 268 14A U 41 10 HC$ 1.60

LOGISTICS, SYSTEMS ENGINEERING
RAND'S ROLE IN LOGISTICS SYSTEMS.
AD-629 906 15E T 66 09 HC$ 1.60 MF$ 0.50

LOW-PASS FILTERS, CALIBRATION
LOW PASS FILTER MICROPHASE LT-6000.
PB-169 392 9A U 41 10 HC$ 1.60 MF$ 0.50

LOW-TEMPERATURE BATTERIES, FUEL CELLS
LOW TEMPERATURE FUEL CELL BATTERY.
AD-413 795 10B U 41 10 HC$ 6.60

LUBRICANT ADDITIVES, ORGANIC PHOSPHORUS COMPOUNDS
POTENTIAL APPLICATIONS OF POLY(METAL PHOSPHINATES): ANTISTATIC COATINGS, MULTI -PURPOSE THICKENERS AND EXPLORATORY STUDIES ON THERMALLY STABLE ELASTOMERS.
AD-630 262 11I T 66 09 HC$ 2.00 MF$ 0.50

LUBRICATION, GEARS
RESEARCH ON MITIGATION OF SPLINE WEAR BY MEANS OF LUBRICATION.
AD-629 938 11H T 66 09 HC$ 2.60 MF$ 0.50

LUBRICATION, MECHANICAL WORKING
FRICTION AND LUBRICATION IN HOT METAL DEFORMATION.
AD-630 204 13H T 66 09 HC$ 3.00 MF$ 0.75

FINAL REPORT OF THE PANEL ON LUBRICATION TO THE AD HOC COMMITTEE ON METALWORKING PROCESSES AND EQUIPMENT.
AD-630 689 13H T 66 10 HC$ 2.00 MF$ 0.50

LUMINESCENCE, COMPLEX COMPOUNDS
LUMINESCENCE OF COMPLEX MOLECULES: ANALYTICAL SURVEY.
AD-629 768 7D T 66 09 HC$ 4.00 MF$ 0.75

LUMINESCENCE, PLANKTON
THE DISTRIBUTION AND CHARACTERISTICS OF SURFACE BIOLUMINESCENCE IN THE OCEANS.
AD-630 903 8A T 66 10 MF$ 0.75

LUMINESCENCE, SEMICONDUCTORS
OPTICAL AND ELECTRICAL PROPERTIES OF DIAMOND.
AD-631 044 20L T 66 10 HC$ 1.60 MF$ 0.50

LUNAR PROBER, PHOTOGRAPHIC TECHNIQUES
RANGER VII PHOTOGRAPHS OF THE MOON. PART III. CAMERA 'P' SERIES.
N65-33848 3A U 41 09 HC$ 6.50 MF$ 1.25

LUNAR SURFACE VEHICLES, NAVIGATION
LUNAR NAVIGATION STUDY, SUMMARY VOLUME.
N66-13009 22A U 41 09 HC$ 2.00 MF$ 0.50

LUNAR ECLIPSE, ANALYSIS
LIGHT DENSITY AND COLOR DISTRIBUTION IN THE EARTH'S SHADOW.
N66-12997 3A U 41 09 HC$ 2.00 MF$ 0.50

LUNAR PROBES, DESCENT TRAJECTORIES
PARAMETRIC PERFORMANCE ANALYSIS OF LUNAR MISSIONS. PART II. LUNAR DESCENT.
N66-12869 22C U 41 09 HC$ 2.00 MF$ 0.50

LUNAR PROBES, PHOTOGEOLOGY
STRUCTURE OF THE CRATER ALPHONSUS.
AD-631 097 3A T 66 10

LUNAR PROBES, USSR
ZOND-3 -UNIVERSAL SCOUT OF THE UNIVERSE.
AD-630 976 22B T 66 10 HC$ 1.10 MF$ 0.50

LUNAR SATELLITES, DESIGN
SURVEYOR LUNAR ROVING VEHICLE, PHASE I. VOLUME V. SYSTEM EVALUATION.
N66-13451 22A U 41 10 HC$ 4.00 MF$ 1.00

SURVEYOR LUNAR ROVING VEHICLE, PHASE I. VOLUME III. PRELIMINARY DESIGN AND SYSTEM DESCRIPTION. BOOK I. SYSTEM DESCRIPTION AND PERFORMANCE CHARACTERISTICS.
N66-13475 22A U 41 10 HC$ 5.00 MF$ 1.00

LUNAR SATELLITES, ORBITAL TRAJECTORIES
ON THE HIGH ORDER EFFECTS IN THE METHODS OF KRYLOV-BOGOLIUBOV AND POINCARE.
N66-14387 3C U 41 09 HC$ 1.00 MF$ 0.50

A STUDY OF THE ACCURACY OF ESTIMATING THE ORBITAL ELEMENTS OF A LUNAR SATELLITE BY USING RANGE AND RANGE-RATE MEASUREMENTS.
N66-14902 22C U 41 09 HC$ 2.00 MF$ 0.50

LUNAR SATELLITES, TRACKING
CHARACTERISTICS AND FORMAT OF THE TRACKING DATA TO BE OBTAINED BY THE NASA DEEP SPACE INSTRUMENTATION FACILITY FOR LUNAR ORBITER.
N66-13374 22D U 41 10 HC$ 2.00 MF$ 0.50

LUNEBERG LENS ANTENNAS, ANTENNA FEEDS
APERATURE BLOCKING OF THE HIGH-FREQUENCY LUNEBERG LENS BY A SEMICIRCULAR GRATING OF MONOPOLE FEEDS.
AD-630 093 9E T 66 09 HC$ 3.00 MF$ 0.50

LUNGS, RADIATION INJURIES
AN ULTRASTRUCTURAL STUDY OF THE DEVELOPMENT OF RADIATION INJURY IN THE LUNG.
AD-630 870 6R T 66 10 HC$ 2.60 MF$ 0.50

LYMPHATIC SYSTEM, RADIATION EFFECTS
RADIATION-INDUCED FREE POLYDEOXYRIBONUCLEOTIDES IN LYMPHOID TISSUES: A PRODUCT OF THE ACTION OF DEOXYRIBONUCLEASE I.
AD-631 144 6R T 66 10 HC$ 2.60 MF$ 0.50

LYMPHOCYTES, MITOCHONDRIA
MITOCHONDRIAL DIVISION IN PHYTOHAEMAGGLUTININ-STIMULATED HUMAN LYMPHOCYTES.
ORNL-P-67 6C U 41 09 HC$ 1.00 MF$ 0.50

MACHINE TOOLS, LATHES
EVALUATION OF A DUPLICATOR LATHE WITH HYDROSTATIC BEARING SLIDES AND AN ELECTRO-HYDRAULIC CONTROL SYSTEM.
Y-1498 13I U 41 09 HC$ 2.00 MF$ 0.50

MACHINE TOOLS, ALIGNMENT
ELECTRO-OPTICAL ALIGNMENT CONTROL SYSTEM.
PATENT 3,229,099 13I U 41 10

MACHINE TRANSLATION, RUSSIAN LANGUAGE
EXPERIMENTAL MACHINE TRANSLATION OF RUSSIAN TO ENGLISH.
PB-169 477 5G U 41 09 HC$13.60 MF$ 1.00

MACHINING, BERYLLIUM
BERYLLIUM FABRICATION METHODS DEVELOPMENT PROGRAM. METAL REMOVAL.
N66-13100 13H U 41 09 HC$ 4.00 MF$ 1.00

MACHINING, ELECTRON BEAMS
ELECTRON BEAM TECHNIQUES FOR FABRICATION AND ASSEMBLY OF PARTS FOR ELECTRON TUBES.
AD-630 001 13H T 66 09 HC$ 2.00 MF$ 0.50

MACHINING, ULTRASONIC RADIATION
AN EVALUATION OF THE ULTRASONIC MACHINING PROCESS.
AD-629 973 13H T 66 09 HC$ 1.00 MF$ 0.50

MAGNESIUM ALLOYS, AGING(MATERIALS)
THE NUCLEATION AND GROWTH OF S' PRECIPITATES IN AN ALUMINUM-2.5% COPPER-1.2% MAGNESIUM ALLOY.
PB-169 445 11F U 41 10 HC$ 1.60 MF$ 0.50

MAGNESIUM COMPOUNDS, CATHODES(ELECTROLYTIC CELLS)
INVESTIGATIONS LEADING TO THE DESIGN AND DEVELOPMENT OF MAGNESIUM/MAGNESIUM PERCHLORATE BATTERIES.
AD-630 640 10C T 66 10 HC$ 4.60 MF$ 0.50

MAGNESIUM COMPOUNDS, OXIDES
THE YOUNG'S MODULUS AND INTERNAL FRICTION OF POLYCRYSTALLINE MGO AT ROOM TEMPERATURE.
AD-270 254 11B U 41 10 HC$ 4.60

MICROSTRUCTURE STUDIES OF POLYCRYSTALLINE REFRACTORY OXIDES.
AD-630 776 11B T 66 10 HC$ 3.00 MF$ 0.75

THE THERMODYNAMICS OF THE MAGNESIA/MAGNESIUM-OXYGEN VAPOR SYSTEM.
AD-630 914 11B T 66 10 HC$ 2.00 MF$ 0.50

MAGNESIUM, CHEMICAL REACTIONS
REACTIONS OF 1,4-DICHLORO-1-BUTENES WITH MAGNESIUM. A NEW CYCLOBUTENE SYNTHESIS.,
AD-629 838 7C T 66 09

MAGNESIUM, THERMODYNAMICS
THE THERMODYNAMICS OF THE MAGNESIA/MAGNESIUM-OXYGEN VAPOR SYSTEM.
AD-630 914 11B T 66 10 HC$ 2.00 MF$ 0.50

MAGNETIC BRAKES, DROP TESTING
OPTIMUM DESIGN OF MAGNETIC BRAKING COILS WITH SPECIAL APPLICATION TO LEWIS DROP TOWER EXPERIMENTS.
N66-13228 14B U 41 09 HC$ 1.00 MF$ 0.50

MAGNETIC COILS, LABORATORY EQUIPMENT
OPTIMUM DESIGN OF MAGNETIC BRAKING COILS WITH SPECIAL APPLICATION TO LEWIS DROP TOWER EXPERIMENTS.
N66-13228 14B U 41 09 HC$ 1.00 MF$ 0.50

MAGNETIC COILS, STRESSES
BEHAVIOR OF A SINGLE-TURN MAGNETIC COIL UNDER DYNAMIC LOAD CONDITIONS.
N66-14903 20C U 41 09 HC$ 1.00 MF$ 0.50

MAGNETIC CORE STORAGE, COMPUTERS
ON COMPUTING AND APPLIED MATHEMATICS FOR THE HALF YEAR, JULY 1 - DECEMBER 31, 1964. TECHNICAL SUMMARY FOR TASKS I AND V.
NYO-1480-16 9B U 41 09 HC$ 1.00 MF$ 0.50

MAGNETIC CORE STORAGE, TEST EQUIPMENT
MEMORY TESTER FOR THE DI/AN MINIATURE MAGNETIC CORE MEMORY SYSTEM.
AD-453 432 9B U 41 10 HC$ 4.60

MAGNETIC CORES, COMPUTER LOGIC
SPECIAL FIRST STAGE OF MAGNETIC CORE BINARY COUNTER.
PATENT 3,237,014 9B U 41 10

MAGNETIC FIELDS, FILMS
FOUNDATIONAL RESEARCH PROJECTS, OCTOBER-DECEMBER 1965.
AD-630 653 5A T 66 10 HC$ 4.60 MF$ 0.50

MAGNETIC FIELDS, GERMANIUM
HIGH FIELD MAGNETOABSORPTION OF THE INDIRECT TRANSITION EXCITON IN GERMANIUM AT 1.7K,
AD-630 372 20L T 66 09

MAGNETIC FIELDS, IONOSPHERIC PROPAGATION
TRANSIENTS IN MAGNETO-IONIC MEDIA AND INTERRELATIONS BETWEEN ORDINARY AND EXTRAORDINARY WAVE REPRESENTATIONS.
AD-630 704 20N T 66 10 HC$ 2.60 MF$ 0.50

MAGNETIC FIELDS, SHIELFING
AN ANNOTATED BIBLIOGRAPHY ON MOTION OF CHARGED PARTICLES IN MAGNETIC FIELDS AND MAGNETIC SHIELDING AGAINST SPACE RADIATION,
N66-13563 18F U 41 09 HC$ 2.00 MF$ 0.50

MAGNETIC MATERIALS, CRYOGENICS
MAGNETO-THERMODYNAMICS OF PARA- AND ANTIFERROMAGNETS.
NYO-3402-1 20C U 41 09 HC$ 1.00 MF$ 0.50

MAGNETIC MATERIALS, FILMS
SURVEY OF MAGNETIC THIN FILM MATERIALS.
C13.461247 9A U 41 10 MF$ 0.75

MAGNETIC MOMENTS, URANIUM
MAGNETIC-DIPOLE INTENSITIES AND ZEEMAN EFFECT IN CS2UC16,
AD-630 681 20L T 66 10

MAGNETIC RECORDING SYSTEMS DESIGN
VARIABLE SPEED RECORDER-REPRODUCER.
AD-448 247 14C U 41 10 HC$ 6.60

MAGNETIC RECORDING SYSTEMS, OPERATION
MAGNETIC TAPE RECORDING,
N66-14159 14C U 41 09 MF$ 1.75

MAGNETIC RECORDING SYSTEMS, THEORY
AN INTRODUCTION TO MAGNETIC RECORDING,
PB-169 443 14C U 41 09 HC$ 3.60 MF$ 0.50

MAGNETIC STORMS, SOLAR DISTURBANCES
INFLUENCE OF SOLAR ROTATION ON THE GEOMAGNETIC FIELD(I).
AD-631 062 8N T 66 10 HC$ 1.00 MF$ 0.50

INFLUENCE OF SOLAR ROTATION ON THE GEOMAGNETIC FIELD (II).
AD-631 120 8N T 66 10 HC$ 1.00 MF$ 0.50

MAGNETIC STORMS, SUNSPOTS
DOUBLE SUNSPOT-CYCLE VARIATION IN TERRESTRIAL MAGNETIC ACTIVITY, 1884-1963.
AD-630 928 4A T 66 10

MAGNETIC TAPE, DIGITAL COMPUTERS
THE DISAC MAGNETIC TAPE SYSTEM AND PERIPHERAL EQUIPMENT CONTROLS,
AD-629 788 9B T 66 09 HC$ 4.00 MF$ 0.75

MAGNETO -OPTIC EFFECT, ATMOSPHERIC SOUNDING
IONOSPHERIC PARAMETERS DERIVED FROM ECHO II RADAR RETURNS DURING SOLAR MINIMUM CONDITIONS.
AD-630 142 4A T 66 09 HC$ 1.00 MF$ 0.50

MAGNETOHYDRODYNAMICS, ELECTRON BEAMS
EXPERIMENTS ON WAVE INTERACTIONS BETWEEN PLASMA AND AN ELECTRON STREAM IN A MAGNETIC FIELD.
AD-630 040 20I T 66 09 HC$ 1.00 MF$ 0.50

MAGNETOHYDRODYNAMICS, VORTICES
MEASUREMENTS ON PLASMA VORTICES AND TURBULENCE,
AD-629 799 20I T 66 09

MAGNETOSTRICTION, PHASE SHIFTERS
MAGNETOSTRICTION EFFECTS IN REMANENCE PHASE SHIFTERS,
AD-631 166 9E T 66 10

MAGNETOSTRICTION, TERBIUM
MAGNETOSTRICTION IN SINGLE CRYSTAL TERBIUM,
AD-630 451 20L T 66 09 HC$ 6.60 MF$ 0.75

MAGNETOSTRICTIVE ELEMENTS, TRANSDUCERS
BROAD BANDWIDTH FREE-FLOODING MAGNETOSTRICTIVE SCROLL TRANSDUCERS.
AD-630 770 17A T 66 10 HC$ 1.00 MF$ 0.50

MAGNETO-OPTIC EFFECT, LASERS
FOUNDATIONAL RESEARCH PROJECTS, OCTOBER-DECEMBER 1965.
AD-630 653 5A T 66 10 HC$ 4.60 MF$ 0.50

MAGNETO-OPTIC EFFECT, POLARIZATION
POLARIZATION EXTENSIONS OF THE MONOSTATIC-BISTATIC EQUIVALENCE THEOREM,
AD-630 864 20C T 66 10 HC$ 1.60 MF$ 0.50

MAGNETO-OPTIC EFFECT, RADIO SIGNALS
POLARIZATION VARIATION OF SATELLITE-EMITTED RADIO SIGNALS.
AD-630 192 20N T 66 09 HC$ 4.60 MF$ 0.50

MAGNETO-OPTIC EFFECT, STRESSES
USE OF THE KERR EFFECT FOR STUDYING A STRESSED STATE OF THIN WALLED STRUCTURES.
AD-630 650 20K T 66 10 HC$ 1.10 MF$ 0.50

MAGNETRONS, K BAND
LONG LIFE K-BAND MAGNETRON.
AD-290 397 9A U 41 10 HC$ 2.60

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PRODUCTION ENGINEERING MEASURE FOR LOW FIELD MAGNETRON BL-234C.
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MAGNETRONS, X BAND
C. W. X-BAND VOLTAGE TUNABLE OSCILLATOR.
AD-630 950 9A T 66 10 HC$ 1.60 MF$ 0.50

MAINTAINABILITY, TEXTBOOKS
MAINTAINABILITY ENGINEERING,
AD-630 131 13H T 66 09 HC$ 6.00 MF$ 1.50

MAINTENANCE, MANAGEMENT PLANNING
THE STANDARD NAVY MAINTENANCE AND MATERIAL MANAGEMENT SYSTEM (3-M), ITS STATUS AND APPLICATION,
AD-630 822 13J T 66 10 HC$ 3.00 MF$ 0.50

MALDIVE ISLANDS, GEOGRAPHY
ATOLL RESEARCH BULLETIN. NO. 114, NORTHERN MARSHALL ISLANDS LAND BIOTA: BIRDS. NO. 115. MARINE BENTHIC ALGAE FROM THE LEEWARD HAWAIIAN GROUP. NO. 116. REEF STUDIES AT ADDU ATOLL, MALDIVE ISLANDS. NO. 117. ATOLL NEWS AND COMMENT,
AD-630 789 8F T 66 10 HC$ 6.00 MF$ 1.25

MAMMALS, CARDIOVASCULAR SYSTEM
CARDIOVASCULAR RESPONSES OF DIVING AND NONDIVING MAMMALS TO APNEA.
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MAMMALS, HYPOTHERMIA
PERFORMANCE OF SMALL MAMMALS AT LOW BODY TEMPERATURES.
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MAMMALS, LETHAL DOSAGE
MEDIAN LETHAL DOSE (LD-50/60) STUDIES IN SHEEP FOLLOWING 250 KVP X-IRRADIATION.
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MAMMALS, MILK
COMPOSITION OF BLACK BEAR MILK.
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MAMMALS, PARASITES
EXPERIMENTAL INFECTION OF A MONGOOSE WITH ANGIOSTRONGYLUS CANTONENSIS (CHEN).
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MAMMALS, PULSE RATE
HEART RATE OF BLACK BEARS IN RELATION TO AGE.
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MANAGE MENT ENGINEERING, COST EFFECTIVENESS
USES OF AUTOMATED FORCE COST MODELS,
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MANAGEMENT CONTROL SYSTEMS, MATHE MATICAL MODELS
SEARCH-THEORETIC MODELS OF ORGANIZATION CONTROL BY BUDGETED MULTIPLE GOALS,
AD-630 097 5A T 66 09

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FISCAL AND OPERATIONAL CONTROL STUDY REPORT. MISSOURI STATE HIGHWAY DEPARTMENT.
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MANAGEMENT ENGINEERING, CATALOGS
EXPERIENCE WITH EDP SUPPORT OF INDIVIDUALS' FIRE MAINTENANCE.
AD-443 751 5B U 41 10 HC$ 1.10

MANAGEMENT ENGINEERING, COST EFFECTIVENESS
NAVY COST MODEL,
AD-407 323 14A U 41 10 HC$ 9.60

MANAGEMENT ENGINEERING, COSTS
CRITERIA FOR VALUE ENGINEERING. PHASE I. FEASIBILITY STUDY.
AD-630 207 14A T 66 09 HC$ 2.00 MF$ 0.50

MANAGEMENT ENGINEERING, DECISION MAKING
TEAM DECISION MODELS OF AN INVENTORY SUPPLY ORGANIZATION.
AD-631 079 5A T 66 10

MANAGEMENT ENGINEERING, FALLOUT SHELTERS
INTEGRATED GUIDANCE FOR SHELTER MANAGEMENT. THE SELECTION AND RECRUITMENT OF SHELTER MANAGERS.
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INTEGRATED GUIDANCE FOR SHELTER MANAGEMENT. SHELTER MANAGER'S GUIDE.
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CONFERENCE ON IMPROVED HIGHWAY ENGINEERING PRODUCTIVITY, MAY 19-21, 1965, PROCEEDINGS.
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MISSOURI STATE HIGHWAY DEPARTMENT. MANAGEMENT STUDY.
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RELIABILITY PROGRAM PLAN FOR A DEVELOPMENT SHIPBOARD SYSTEM,
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SPAN REFERENCE MANUAL. SPAN SYSTEM OPERATION.
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MANGANESE ALLOYS, STAINLESS STEEL
CAST AUSTENITIC NON-NICKEL STEEL,
AD-630 992 11F T 66 10 HC$ 1.10 MF$ 0.50

MANGANESE COMPOUNDS, METAL CARBONYLS
METHOXYCARBONYL DERIVATIVES OF THE CYCLOPENTADIENYL METAL CARBONYLS,
AD-629 804 7C T 66 09

MANGANESE, FLUORES CENCE
FLUORESCENT ION INTERACTION.
AD-465 985 7E U 41 09 HC$ 3.00 MF$ 0.50

MANGANESE, PHOTOCHEMISTRY
MANGANESE-CATALYZED OXIDATIONS OF 2,3-DIKE- TOGULONATE.
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MANNED MARS LANDING MISSIONS USING ELECTRIC PROPULSION,
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MANNED MARS LANDING MISSION BY MEANS OF HIGH-THRUST ROCKETS,
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SHIELDING PROBLEMS IN MANNED SPACE VEHICLES,
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HUMAN OPERATOR CONTROL SYSTEMS: I. THE INTERACTION BETWEEN MODES OF INFORMATION DISPLAY AND CONTROL SYSTEM DYNAMICS WITH A SINE WAVE COURSE,
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BASIC HUMAN FACTORS TASK DATA RELATIONSHIPS IN AEROSPACE SYSTEM DESIGN AND DEVELOPMENT.
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THE USE OF SIMULATION IN THE DEVELOPMENT OF MAN-MACHINE SYSTEMS,
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REPORT OF THE NASA SEMINAR ON PILOT-VEHICLE SYSTEMS IDENTIFICATION,
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CONTRACTION MAPPINGS IN THE THEORY UNDERLYING DYNAMIC PROGRAMMING,
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DEEP-OCEAN BIODETERIORATION OF MATERIALS -PART III. THREE YEARS AT 5,300 FEET.
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MARINE BORERS, CATALOGS
A SURVEY AND ILLUSTRATED CATALOGUE OF THE TEREDINIDAE (MOLLUSCA: BIVALVIA),
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MARINE CORPS, PHYSICAL FITNESS
EVALUATION OF PHYSICAL FITNESS PROGRAM FOR WOMEN MARINES.
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THE CREATION OF A CENTER OF OCEANOGRAPHIC INSTRUMENTS IN UNITED STATES (GOZDANIYE TSENTRA OKEANOGRAFICHESKIKH PRILEOROV V SSHA).
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DISTRIBUTION OF DETRITAL MINERALS IN RECENT CARBONATE SEDIMENTS FROM THE SAHUL SHELF, NORTHERN AUSTRALIA,
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MARINE GEOLOGY, PACIFIC OCEAN
FRACTURE ZONES AND OFFSETS OF THE EAST PACIFIC RISE,
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MARINE GEOLOGY, RESEARCH PROGRAM ADMINISTRATION
INTERAGENCY CONFERENCE ON CONTINENTAL SHELF RESEARCH,
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MARINE GEOLOGY, SEACOAST
THE EXPLANATORY DESCRIPTION OF COASTS.
AD-630 082 8J T 66 09

MARINE NUCLEAR PROPULSION, MERCHANT VESSELS
PROCEEDINGS OF THE CONFERENCE ON NUCLEAR MARINE PROPULSION HELD AT VIRGINIA POLY -TECHNIC INSTITUTE, BLACKSBURG, VIRGINIA, AUGUST 10-13, 1964.
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EXPERIMENTS WITH A STEAM-TO-WATER PSEUDO-BLADE PROPULSOR FOR MARINE APPLICATION. PART I, TECHNICAL DISCUSSION,
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EXPERIMENTS WITH A STEAM-TO-WATER PSEUDO-BLADE PROPULSOR FOR MARINE APPLICATION. PART II, APPENDIX,
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SPECTRAL STUDIES OF MATERIALS POSSIBLY PRESENT ON THE MARTIAN SURFACE.
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THE ATMOSPHERE AND SURFACE OF MARS, A SELECTIVE REVIEW,
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STUDY OF A HIGH RESOLUTION FACSIMILE SYSTEM EXPERIMENT ON THE SURFACE OF THE PLANET MARS.
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VOYAGER DESIGN STUDY. VOLUME IV. SYSTEM DESIGN.
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MARS, SURFACE PROPERTIES
THE COMPOSITION OF THE MARTIAN SURFACE.
AD-630 076 3B T 66 09

MASERS, FREQUENCY CONVERTERS
BASIC EQUATIONS AND CONSERVATION THEOREMS FOR THE ELECTROSTRICTION PHONON MASER.
AD-630 497 20E T 66 09

MASS SPECTROSCOPY, AMINO ACIDS
OPTICAL RESOLUTION OF D,L AMINO ACIDS BY GAS CHROMATOGRAPHY AND MASS SPECTROMETRY.
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AN INVESTIGATION OF THE MASS SPECTRA OF TWENTY-TWO FREE AMINO ACIDS.
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MASS SPECTROSCOPY, FLAMES
IDENTIFICATION OF NEGATIVE FLAME-IONS.
AD-630 350 21B T 66 09

MASS SPECTROSCOPY, ISOTOPES
ISOTOPIC MASSES OF HYDROGEN, CHLORINE, BARIUM, CERIUM, AND NEODYMIUM.
AD-630 571 18B T 66 10

MASS SPECTROSCOPY, SEMICONDUCTORS
THE MEASUREMENT OF BORON AND OTHER IMPURITIES IN SEMICONDUCTOR MATERIALS BY MASS SPECTROMETRY.
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MASS TRANSFER AND FIRST-ORDER BOUNDARY-LAYER EFFECTS ON SHARP CONE DRAG.
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SURVEY OF CURRENT KNOWLEDGE OF THE DEFORMATION CHARACTERISTICS OF BERYLLIUM, THE REFRACTORY METALS, AND THE SUPERALLOYS.
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ON SOME CATEGORICAL ALGEBRA ASPECTS OF AUTOMATA THEORY: THE CATEGORICAL PROPERTIES OF TRANSITION SYSTEMS.
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MATHEMATICAL LOGIC, INFORMATION RETRIEVAL
ON THE LOGIC OF INFORMATION RETRIEVAL.
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MATHEMATICAL MODELS, ECONOMICS
QUASI-EQUILIBRIA IN MARKETS WITH NON-CONVEX PREFERENCES.
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MATHEMATICAL MODELS, HYDROLOGY
FLOODING MODELS.
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A NEW APPROACH TO THE DUALITY THEORY OF MATHEMATICAL PROGRAMMING.
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A GENERALIZED INVERSE-EPSILON ALGORITHM FOR CONSTRUCTING INTERSECTION PROJECTION MATRICES, WITH APPLICATIONS.
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AN APPLICATION OF REPRESENTATIONS FOR THE GENERALIZED INVERSE OF A MATRIX.
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MATRIX ALGEBRA, DIFFERENTIAL EQUATIONS
ON TURNING POINT PROBLEMS FOR SYSTEMS WITH ALMOST DIAGONAL COEFFICIENT MATRIX.
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MATRIX ALGEBRA, ELECTRICAL NETWORKS
PASSIVITY CONDITIONS.
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MATRIX ALGEBRA, IDENTITIES
MATRIX APPLICATIONS OF A QUADRATIC IDENTITY FOR DECOMPOSABLE SYMMETRIZED TENSORS.
AD-630 516 12A T 66 09

MATRIX ALGEBRA, INEQUALITIES
A MATRIX VERSION OF RENNIE'S GENERALIZATION OF KANTOROVICH'S INEQUALITY.
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MATRIX ALGEBRA, ITERATIVE METHODS
EIGENVECTORS OF A REAL MATRIX BY INVERSE ITERATION.
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COMPACT BASIS TRIANGULARIZATION FOR THE BLOCK ANGULAR STRUCTURES.
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R-MATRIX APPROACH TO COMPLEX ANGULAR MOMENTUM AND TO THREE-PARTICLE INTERACTION.
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MATRIX ALGEBRA, THEORY
NOTE ON THE GENERALIZED INVERSE OF A MATRIX PRODUCT.
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INVESTIGATION OF ELECTRIFICATION OF POWDERS IN FLOW THROUGH TUBES AND NOZZLES. I. A CHARGE ANALYZER.
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MECHANICAL DRAWING, DISCONNECT FITTINGS
TRU DISCONNECT FERRULE AND CLAMP DETAILS.
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MECHANICAL ORGANS, HEART
EXPERIMENTAL DETERMINATION OF PRESSURE-FLOW CHARACTERISTICS OF ARMY MEMBRANE OXYGENATOR, PROTOTYPES I AND II.
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INTERFACES BETWEEN FATIGUE, CREEP, AND FRACTURE.
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MECHANICAL WAVES, MATHEMATICAL ANALYSIS
CNOIDAL WAVES IN A TOROIDAL CHANNEL.
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MECHANICAL WAVES, PIEZOELECTRIC CRYSTALS
DIRECT PIEZOELECTRIC COUPLING OF SURFACE ELASTIC WAVES.
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MECHANICAL WORKING, FRICTION
FRICTION AND LUBRICATION IN HOT METAL DEFORMATION.
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FINAL REPORT OF THE PANEL ON LUBRICATION TO THE AD HOC COMMITTEE ON METALWORKING PROCESSES AND EQUIPMENT.
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MECHANICAL WORKING, STEEL
TOUCHENING HIGH STRENGTH STEEL BY WARM WORKING.
PATENT 3,228,808 13H U 41 10

MECHANICS, SCIENTIFIC RESEARCH
RESEARCH IN RADIATION PHYSICS AND AERODYNAMICS.
AD-631 070 20D T 66 10 HC$ 1.10 MF$ 0.50

MECHANICS, SOLID ROCKET PROPELLANTS
APPLICATION OF THE FINITE ELEMENT METHOD TO STRESS ANALYSIS OF SOLID PROPELLANT ROCKET GRAINS, VOLUME I.
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MEDICAL EQUIPMENT, ELECTRODES
A MULTIPLE SUCTION ELECTRODE SYSTEM.
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MEDICAL EQUIPMENT, GAMMA COUNTERS
INSTALLATION OF A WHOLE BODY COUNTER AT THE UNITED STATES NAVAL MEDICAL RESEARCH UNIT NO. 2.
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MEDICAL EQUIPMENT, HOSPITALS
HOSPITAL ISOLATION SYSTEM FOR PREVENTING CROSS-CONTAMINATION BY STAPHYLOCOCCAL AND PSEUDOMONAS ORGANISMS IN BURN WOUNDS.
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MEDICAL SUPPLIES, ISOCYANATE PLASTICS
DESIGN OF THE FOAM IN PLACE SPLINT.
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MEDICINE, DATA PROCESSING SYSTEMS
SIMULATED DESIGN OF A HOSPITAL PATIENT DATA SYSTEM.
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MERCHANT VESSELS, USSR
MERCHANT MARINE TRAFFIC ORGANIZATION.
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MERCURY COMPOUNDS, ADSORPTION
CHRONOPOTENTIOMETRIC STUDY OF PHENYLMERCURIC ION ADSORPTION ON A MERCURY ELECTRODE.
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MERCURY COMPOUNDS, CHEMICAL REACTIONS
HALOMETHYL-METAL COMPOUNDS. III. THE REACTION OF PHENYL(TRIHALOMETHYL)- AND PHENYL(DIHALOMETHYL)MERCURY COMPOUNDS WITH TRIALKYL PHOSPHITES.
AD-630 004 7C T 66 09

MERCURY COMPOUNDS, OPTICAL PROPERTIES
OPTICAL PROPERTIES OF MERCURY SULFIDE.
AD-630 824 20F T 66 10 HC$ 1.00 MF$ 0.50

MERCURY(PLANET), ROTATION

THE ROTATION OF THE PLANET MERCURY,
N66-13573 3C U 41 09 HC$ 2.00 MF$ 0.50

MERCURY, FLUID MECHANICS
CONDENSATION PRESSURE DROP OF NONWETTING MERCURY IN A UNIFORMLY TAPERED TUBE IN 1-G AND ZERO-GRAVITY ENVIRONMENTS,
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MERCURY, GLOW DISCHARGES
INVESTIGATION OF CATHODE PHENOMENA IN THE MERCURY ARC.
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MESON CAPTURE, CARBON
COUPLING CONSTANTS IN MUON CAPTURE,
AD-630 087 20H T 66 09

MESON REACTIONS, BARYONS
DYNAMICAL BASIS FOR ETA-BARYON INTERACTIONS,
AD-630 378 20H T 66 09

MESON REACTIONS, FIELD THEORY
STRONG AND ELECTROMAGNETIC DECAY OF MESONS,
AD-630 080 20H T 66 09

MESON COUPLINGS IN THE INTRINSICALLY BROKEN U(6) SYMMETRY SCHEME,
AD-630 511 20J T 66 09

MESON REACTIONS, MOMENTUM
VECTOR MESONS AND COMPLEX ANGULAR MOMENTUM - II,
AD-630 138 20H T 66 09

MESON REACTIONS, RELATIVITY THEORY
MESON-BARYON SCATTERING IN THE INTRINSICALLY BROKEN H(12) SYMMETRY SCHEME,
AD-630 510 20J T 66 09

MESON REACTIONS, TRANSFORMATIONS
MODEL OF C VIOLATION IN SEMISTRONG INTERACTIONS,
AD-630 088 20H T 66 09

MESONS, ELECTROMAGNETIC PROPERTIES
ON THE ELECTROMAGNETIC STRUCTURE OF THE YUKAWA MESON,
AD-630 398 20H T 66 09

MESONS, FIELD THEORY
BROKEN SYMMETRIES AND MASS FORMULAE FOR VECTOR MESONS,
AD-630 225 20H T 66 09

RENORMALIZATION EFFECTS AND THE CABIBBO ANGLE,
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METABOLISM, GASES
AN APPARATUS FOR THE STUDY OF RESPIRATORY GAS METABOLISM IN SMALL ANIMALS,
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METAL CARBONYLS, CHEMICAL PROPERTIES
METHOXYCARBONYL DERIVATIVES OF THE CYCLOPENTADIENYL METAL CARBONYLS,
AD-629 804 7C T 66 09

ORGANOSULFUR DERIVATIVES OF THE METAL CARBONYLS. VIII. NEW ASPECTS OF THE CHEMISTRY OF METHYLTHIO DERIVATIVES OF IRON CARBONYL,
AD-629 810 7C T 66 09

METAL CARBONYLS, COMPLEX COMPOUNDS
CARBON-13 MAGNETIC RESONANCE OF DIENE-IRON TRICARBONYL COMPLEXES.
AD-630 078 7D T 66 09 HC$ 1.60 MF$ 0.50

METAL CARBONYLS, DETERMINATION
METHOD OF PROPORTIONAL EQUATIONS FOR ANALYSIS OF CLOSELY RELATED MIXTURES BY DIFFERENTIAL REACTION RATES WHERE CONCENTRATION OF REAGENTS <<REACTANTS. CONDUCTOMETRIC DETERMINATION OF CARBONYL COMPOUNDS,
AD-630 057 7C T 66 09

METAL CARBONYLS, TUNGSTEN COMPOUNDS
NEW OLEFINIC AND ACETYLENIC COMPLEXES OF TUNGSTEN,
AD-629 809 7C T 66 09

METAL FILMS, ADHESION
AN ADHESION TESTER FOR EVAPORATED METAL FILMS,
RFP-672 14B U 41 09 HC$ 1.00 MF$ 0.50

METAL FILMS, CRYSTAL STRUCTURE
FRANKLIN INSTITUTE ANNUAL REPORT.
TID-21328 11F U 41 09 HC$ 1.00 MF$ 0.50

METAL FILMS, ELECTRODEPOSITION
ELECTROCHEMICAL PREPARATION OF THIN METAL FILMS AS STANDARDS ON PYROLYTIC GRAPHITE,
AD-630 058 14B T 66 09

METAL FILMS, MAGNETIC MATERIALS
SURVEY OF MAGNETIC THIN FILM MATERIALS.
C13.46:247 9A U 41 10 MF$ 0.75

METAL FILMS, ULTRASONIC WELDING
BONDING OF COMPONENT LEADS AND WIRE CONDUCTORS TO THIN FILM CIRCUITS BY ULTRA-SONIC WELDING.
AD-629 946 13H T 66 09 HC$ 1.60 MF$ 0.50

METAL FILMS, X-RAY DIFFRACTION ANALYSIS
DETERMINATION OF QUANTITATIVE POLE FIGURES FOR FLAT THIN FILMS ON A SUBSTRATE.
AD-630 984 F11F,T 66 10

METAL PLATES, CORROSION
CAVITATION ON SURFACE IRREGULARITIES OF TRIANGULAR PROFILE,
AD-630 286 20D T 66 09 HC$ 3.60 MF$ 0.50

METAL PLATES, DEFORMATION
LARGE DEFLECTIONS IN CLAMPED CIRCULAR PLATES.
AD-630 592 19D T 66 10 HC$ 2.00 MF$ 0.50

METAL PLATES, FRACTURE(MECHANICS)
INVESTIGATION OF THE FRACTURE TOUGHNESS OF THICK PLATE METALLIC MATERIALS. PHASE I.
AD-449 664 11F U 41 09 HC$ 1.00

METAL PLATES, NUMERICAL METHODS + PROCEDURES
THE LAMBDA-METHOD FOR RECTANGULAR PLATES.
AD-630 448 20K T 66 09

METAL PLATES, WELDING
STUDY OF JOINTS WELDED IN VERY THICK STEEL PLATES.
EURAEC-1280 13H U 41 09 HC$ 1.00 MF$ 0.50

METALLURGY, NUCLEAR ENGINEERING
METALLURGY RESEARCH SECTION.
BNWL-166 11F U 41 09 HC$ 3.00 MF$ 0.75

METALLURGY, PLUTONIUM
PLUTONIUM METALLURGY NOTEBOOK,
BNWL-37 11F U 41 09 HC$ 6.00 MF$ 1.25

METALORGANIC COMPOUNDS, ELECTRO CHEMISTRY
CHRONOPOTENTIOMETRIC STUDY OF PHENYLMERCURIC ION ADSORPTION ON A MERCURY ELECTRODE,
AD-629 808 7D T 66 09

METALORGANIC COMPOUNDS, MERCURY COMPOUNDS
HALOMETHYL-METAL COMPOUNDS. III. THE REACTION OF PHENYL(TRIHALOMETHYL)-AND PHENYL(DIHALOMETHYL)MERCURY COMPOUNDS WITH TRIALKYL PHOSPHITES,
AD-630 004 7C T 66 09

METALORGANIC COMPOUNDS, ZONE MELTING
EXPERIMENTAL STUDY OF ZONE REFINING OF THE BINARY SYSTEM TRIPHENYL ANTIMONY - NAPHTHALENE.
AD-630 609 H13H,T 66 10 HC$ 3.00 MF$ 0.75

METALS, IMPACT SHOCK
A METALLURGICAL STUDY OF HIGH STRAIN RATE DEFORMATION.
AD-629 921 20K T 66 09 HC$ 3.00 MF$ 0.75

METALS, MECHANICAL PROPERTIES
RELATIONSHIP OF SURFACE EFFECTS TO THE MECHANICAL BEHAVIOR OF METALS.
AD-630 661 11F T 66 10 HC$ 3.00 MF$ 0.75

EFFECT OF SURFACE ON THE MECHANICAL PROPERTIES OF METALS.
AD-630 949 11F T 66 10 HC$ 2.00 MF$ 0.50

METALS, OXIDATION
OXIDATION OF METALS AND ALLOYS.
AD-629 841 11F T 66 09

METALS, PARTICLES
EXPERIMENTAL REFRACTIVE INDICES AND THEORETICAL SMALL-PARTICLE SPECTRAL PROPERTIES OF SELECTED METALS,
N66-13827 20M U 41 09 HC$ 3.00 MF$ 0.75

METALS, PHOTOEMISSION
SOME INTENSITY MEASUREMENTS IN THE VACUUM ULTRAVIOLET,
N66-15053 20L U 41 10 HC$ 3.00 MF$ 0.75

METALS, SALT SPRAY TESTS
AN EVALUATION OF THE ANTI-CORROSION EFFECTIVENESS OF VARIOUS PRIMER COATINGS,
AD-454 764 11F U 41 09 HC$ 5.60

METALS, ULTRASONIC RADIATION
INVESTIGATIONS OF THE ELECTRONIC STRUCTURES OF METALS USING ULTRASONIC TECHNIQUES,
AD-629 858 20C T 66 09

METEORITES, PHASE STUDIES
A CHONDRULE IN THE CHAINPUR METEORITE,
N66-13152 3B U 41 09 HC$ 1.00 MF$ 0.50

METEORITES, SIMULATION
METEOROID IMPACT SIMULATION BY MAGNETIC GRADIENT PARTICLE ACCELERATION TECHNIQUES.
N66-13129 3B U 41 09 HC$ 2.00 MF$ 0.50

METEOROLOGICAL BALLOONS, AERODYNAMICS
MODIFICATION OF THE ROBIN METEOROLOGICAL BALLOON. VOLUME II. DRAG EVALUATIONS.
AD-629 775 1C T 66 09 HC$ 8.60 MF$ 0.75

METEOROLOGICAL BALLOONS, DESIGN
MODIFICATION OF THE ROBIN METEOROLOGICAL BALLOON VOLUME I. DESIGN AND TEST.
AD-629 774 1C T 66 09 HC$ 5.60 MF$ 0.50

METEOROLOGICAL BALLOONS, DOPPLER SYSTEMS
FEASIBILITY STUDY OF DOPPLER-DIFFERENCE TRACKING SYSTEM FOR GHOST,
PB-169 429 4B U 41 09 HC$ 8.60 MF$ 0.75

METEOROLOGICAL BALLOONS, INSTRUMENTATION
BALLOON-BORNE ELECTRIC METEOROGRAPH.
AD-630 668 4B T 66 10 HC$ 1.00 MF$ 0.50

METEOROLOGICAL BALLOONS, RADAR TRACKING
DEVELOPMENT OF METHODS TO DETERMINE WINDS, DENSITY, PRESSURE, AND TEMPERATURE FROM THE ROBIN FALLING BALLOON.
AD-630 200 4B T 66 09 HC$ 5.00 MF$ 1.00

AD-630 200 4B T 66 09 HC$ 5.00 MF$ 1.00

METEOROLOGICAL DATA, APPROXIMATION(MATHEMATICS
APPROXIMATION OF TWO-DIMENSIONAL FIELDS BY CHEBYSHEV POLYNOMIALS.
AD-630 669 12A T 66 10 HC$ 1.00 MF$ 0.50

METEOROLOGICAL PARAMETERS, MEASUREMENT
FEASIBILITY STUDY OF DOPPLER-DIFFERENCE TRACKING SYSTEM FOR GHOST,
PB-169 429 4B U 41 09 HC$ 8.60 MF$ 0.75

METEOROLOGICAL PARAMETERS, PROGRAM MING LANGUAGES
DATA PROCESSING FOR ISENTROPIC ANALYSES.
TID-21609 4B U 41 09 HC$ 2.00 MF$ 0.50

METEOROLOGICAL PARAMETERS, UPPER ATMOSPHERE
METEOROLOGICAL DATA REPORT AEROBEE KP 3.4, 7 APRIL 1964,
AD-444 416 4B U 41 10 HC$ 3.60

METEOROLOGICAL RADAR, CLEAR AIR TURBULENCE
PASSIVE-REFLECTOR EXPERIMENTS IN RADAR MEASUREMENT OF THE TURBULENCE OF THE CLEAR SKY.
AD-630 553 4B T 66 10 HC$ 1.00 MF$ 0.50

METEOROLOGICAL RADAR, CLOUDS
INITIATION OF PRECIPITATION IN VIGOROUS CONVECTIVE CLOUDS.
AD-630 617 4B T 66 10

RADAR ECHO CHARACTERISTICS OF CLOUDS.
AD-630 675 4B T 66 10 HC$ 1.00 MF$ 0.50

EFFECTIVENESS AND RELIABILITY OF RADAR OBSERVATIONS OF NON-PRECIPITATING CLOUDS.
AD-630 676 4B T 66 10 HC$ 1.00 MF$ 0.50

METEOROLOGICAL RADAR, FOG
POSSIBILITY OF RADAR DETERMINATION OF VISIBILITY IN FOGS.
AD-630 554 4B T 66 10 HC$ 1.00 MF$ 0.50

METEOROLOGICAL RADAR, INTEGRATORS
THE USE OF AN INTEGRATOR TO INCREASE THE METEOROLOGICAL EFFICIENCY OF A RADAR.
AD-630 674 17I T 66 10 HC$ 1.00 MF$ 0.50

METEOROLOGICAL RADAR, MULTIPATH RADAR
WIND MEASUREMENT BY CONVENTIONAL RADAR WITH A DUAL BEAM PATTERN.
AD-629 988 4B T 66 09

METEOROLOGICAL RADAR, RAINFALL
SOME RESULTS OF RADAR MEASUREMENT OF PRECIPITATION PER UNIT AREA.
AD-630 673 4B T 66 10 HC$ 1.00 MF$ 0.50

METEOROLOGICAL RADAR, USSR
ACTIVITIES IN RADAR METEOROLOGY, CLOUD PHYSICS, AND WEATHER MODIFICATION IN THE SOVIET UNION (JUNE 1965).
AD-630 618 4B T 66 10

METEOROLOGICAL RADAR, WEATHER FORECASTING
MESOSCALE STUDIES OF INSTABILITY PATTERNS AND WINDS IN THE TROPICS.
AD-629 952 4B T 66 09 HC$ 4.60 MF$ 0.50

METEOROLOGICAL RADAR, WIND
SOME PROBLEMS OF RADAR MEASUREMENT OF WIND VARIATIONS IN THE TROPOSPHERE.
AD-630 670 4B T 66 10 HC$ 1.00 MF$ 0.50

METEOROLOGICAL SATELLITES, SATELLITE TRACKING SYSTEMS
COMMAND AND DATA ACQUISITION STATION STUDY FOR OPERATIONAL METEOROLOGICAL SATELLITES,
PB-169 323 17B U 41 10 HC$11.60 MF$ 0.75

METEOROLOGICAL SATELLITES, TELEVISION CAMERAS
NIMBUS I SPACECRAFT - TWO TELEVISION CAMERA SYSTEMS - ADVANCED VIDICON CAMERA SYSTEM AND AUTOMATIC PICTURE TRANSMISSION SYSTEM.
N66-12924 14B U 41 09 HC$ 7.48 MF$ 2.25

METEOROLOGY, CANADA
CANADIAN UPPER AIR DATA.
AD-630 356 4B T 66 09

METEOROLOGY, CHINA
TRANSLATED SUMMARY AND ABSTRACTS OF ARTICLES APPEARING IN THE MONOGRAPH: A COLLECTION OF ARTICLES ON DYNAMIC METEOROLOGY,
AD-631 031 4B T 66 10 HC$ 1.10 MF$ 0.50

METEOROLOGY, FLORIDA
THE CUMULUS AND METEOROLOGICAL EVENTS OF THE FLORIDA PENINSULA DURING A PARTI- CULAR SUMMERTIME PERIOD. CLOUD REFRAC- TIVE INDEX STUDIES IIIA.
AD-629 933 4B T 66 09 HC$20.20 MF$ 1.25

MESOSCALE STUDIES OF INSTABILITY PATTERNS AND WINDS IN THE TROPICS.
AD-629 952 4B T 66 09 HC$ 4.60 MF$ 0.50

METEORS, ACOUSTIC DETECTORS
DETECTING MICROMETEROIDS ACOUSTICALLY FROM ROCKETS,
AD-629 756 22B T 66 09

METEORS, IMPACT SHOCK
THE METEOROID ENVIRONMENT AND ITS EFFECTS ON MATERIALS AND EQUIPMENT,
N66-14158 22A U 41 09 MF$ 0.75

METEORS, RADAR TRACKING
RADAR OBSERVATIONS OF METEOR DECELERATION,
AD-630 368 3B T 66 09

METEORS, SPACE ENVIRONMENTAL CONDITIONS
THE METEOROID ENVIRONMENT OF PROJECT APOLLO, EDITION 2,
N66-12857 22B U 41 09 HC$ 3.00 MF$ 0.75

METEROLOGICAL INSTRUMENTS, SYSTEMS ENGINEERING
WORLD WEATHER SYSTEM COST/PERFORMANCE ANALYSIS STUDY.
PB-169 313 4B U 41 10 HC$ 5.00 MF$ 1.00

METERS, LIQUIDS
MEASURING DEVICE.
PATENT 3,228,558 14B U 41 10

METERS, VELOCITY
A METHOD TO CORRECT RECORDS FROM DISTRIBUTED PARAMETER VELOCITY TRANSDUCERS FOR HIGH FREQUENCY RESONANCE DISTORTIONS.
AD-630 115 14B T 66 09 HC$ 1.00 MF$ 0.50

THE DTMB MARK 1 MOD 1 KNOTMETER.
AD-630 319 13J T 66 09 HC$ 1.00 MF$ 0.50

METHANE, BURNING RATE
KINETICS OF LAMINAR PREMIXED METHANE-OXYGEN -NITROGEN FLAMES,
AD-631 104 21B T 66 10

METHANE, ELECTRON BOMBARDMENT
SMALL-ANGLE SCATTERING FROM METHANE, AMMONIA AND WATER BY FAST ELECTRONS,
AD-629 849 7D T 66 09

METHANE, RADIATION CHEMISTRY
FISSION FRAGMENT AND NUCLEAR REACTOR IRRADIATION OF METHANE AND METHANE -HYDROCARBON MIXTURES.
TID-21383 7E U 41 09 HC$ 6.00 MF$ 1.50

MICE, RADIATION EFFECTS
AN INVESTIGATION OF COMPUTER COUPLED AUTOMATIC ACTIVATION ANALYSIS AND REMOTE LUNAR ANALYSIS.
N66-15064 14B U 41 10 HC$ 3.00 MF$ 0.75

MICROANALYSIS, REVIEWS
SPECTROCHEMICAL ANALYSIS: OPTICAL SPECTROMETRY, X-RAY FLUORESCENCE SPECTROMETRY, AND ELECTRON PROBE MICROANALYSIS TECHNIQUES, JUNE 1964 TO JUNE 1965,
NBS-TN-272 7D U 41 10 HC$ 0.50 MF$ 0.75

MICROMETEOROLOGY, ATMOSPHERIC REFRACTION
RESEARCH ON TERRAIN EFFECTS ON OPTICAL TURBULENCE GENERATION.
AD-460 727 4A U 41 09 HC$ 6.60

MICROMETEOROLOGY, INFRARED RADIATION
LONG-WAVE RADIATION EXCHANGE NEAR THE GROUND.
AD-631 094 4B T 66 10

MICROMETEOROLOGY, LIGHT TRANSMISSION
VISUAL RESOLUTION AND OPTICAL SCINTILLATION OVER SNOW, ICE AND FROZEN GROUND, PART II.
AD-630 603 20F T 66 10 HC$ 3.00 MF$ 0.50

MICROMETEOROLOGY, METEOROLOGICAL PARAMETERS
THE PULSATION SPECTRA OF THE VERTICAL COMPONENT OF WIND VELOCITY AND THEIR RELATIONS TO THE MICROMETEOROLOGICAL CONDITIONS.
AD-630 667 4B T 66 10 HC$ 3.00 MF$ 0.75

MICROMETEOROLOGY, MOUNTAINS
A PRELIMINARY STUDY OF THE FORMATION OF PRESSURE JUMPS BY A SMALL MOUNTAIN IN A TWO-LAYER MODEL.
AD-631 117 4B T 66 10 HC$ 1.00 MF$ 0.50

MICROMINATURIZATION(ELECTRONICS), RADIATION DAMAGE
A SURVEY OF TRANSIENT RADIATION-EFFECT STUDIES ON MICROELECTRONICS.
AD464 309 18H U 41 09 HC$ 4.00

MICROMINIATURIZATION (ELECTRONICS), SCALERS
GATE RING COUNTERS AND THEIR POSSIBLE ADVANTAGES IN LOW POWER MICROELECTRONIC SYSTEMS.
AD-630 038 9E T 66 09 HC$ 2.00 MF$ 0.50

MICROMINIATURIZATION(ELECTRONICS), CIRCUITS
MICROBONDS FOR HYBRID MICROCIRCUITS.
AD-630 948 9A T 66 10 HC$ 6.00 MF$ 1.25

MICROMINIATURIZATION(ELECTRONICS), PRINTED CIRCUITS
MULTILAYER BOARD APPLICATION TO RF CIRCUITRY.
AD-629 890 9A T 66 09 HC$ 2.00 MF$ 0.50

MICROMINIATURIZATION(ELECTRONICS), QUARTZ
PRODUCTION ENGINEERING MEASURE: RELIABLE QUARTZ CRYSTAL MICROELEMENTS, TYPES EL-MCR01 (X-1) AND EL-MCR02 (X-1).
AD-630 710 9A T 66 10 HC$ 2.00 MF$ 0.50

MICROMINIATURIZATION(ELECTRONICS), RADIATION DAMAGE
RADIATION EFFECTS ON (MONOLITHIC) MICROELECTRONIC CIRCUITS.
AD-629 948 9A T 66 09 HC$ 2.00 MF$ 0.50

MICROMINIATURIZATION(ELECTRONICS, PLAN POSITION INDICATORS
MIRAGE (MICROELECTRONIC RADAR INDICATOR FOR GROUND EQUIPMENT).
AD-631 180 17I T 66 10 HC$ 3.00 MF$ 0.75

MICROMINITURIZATION(ELECTRONICS), CIRCUITS
MODULAR INTERCONNECTIONS FOR HERMETIC MICRO-ASSEMBLIES.
AD-451 748 9A U 41 09 HC$ 3.00

MICROORGANISMS, DETECTION
COMPARATIVE LEVELS AND TYPES OF MICROBIAL CONTAMINATION DETECTED IN INDUSTRIAL CLEAN ROOMS,
N66-15001 14B U 41 10 HC$ 2.00 MF$ 0.50

MICROORGANISMS, ELECTROSTATIC PRECIPITATION
ELECTROHYDRODYNAMIC REMOVAL OF MICROORGANISMS FROM HYDROCARBON FUELS.
AD-630 889 13K T 66 10 HC$ 4.00 MF$ 1.00

MICROORGANISMS, UPPER ATMOSPHERE
DETERMINATION AND MICROBIAL SURVIVAL OF CRYOGENIC WHOLE AIR SAMPLING CONDITIONS.
N66-12533 6F U 41 09 HC$ 2.00 MF$ 0.50

N66-13095 6M U 41 09 HC$ 2.00 MF$ 0.50

MICROSEISMS, FOURIER ANALYSIS
IDENTIFICATION AND ELIMINATION OF MICROSEISM NOISE AT DEPTH USING THEORETICAL RAYLEIGH WAVE AND OBSERVED NOISE DISPLACEMENT.
AD-418 468 8K U 41 10 HC$11.60

MICROWAVE EQUIPMENT, DETONATIONS
A MICROWAVE TECHNIQUE FOR STUDYING DETONATION PHENOMENA,
AD-469 632 19D U 41 09 HC$ 1.00 MF$ 0.50

MICROWAVE AMPLIFIERS, CROSSED FIELD DEVICES
DEVELOPMENT OF AN X-BAND CW CROSSED-FIELD AMPLIFIER.
AD-630 597 9E T 66 10 HC$ 4.60 MF$ 0.50

MICROWAVE AMPLIFIERS, WAVEGUIDE COUPLERS
ELECTRON BEAM AMPLIFIERS AND OSCILLATORS.
PATENT 3,229,220 9E U 41 10

MICROWAVE COMMUNICATION SYSTEMS, PHASED ARRAYS
BEYOND-LINE-OF-SIGHT DATA TRANSMISSION USING ADAPTIVE ARRAY TECHNIQUES,
AD-446 155 17B U 41 10 HC$ 4.60

MICROWAVE COMMUNICATION SYSTEMS, RADIO WAVES
RADIO PATH LENGTH STABILITY OF GROUND-TO-GROUND MICROWAVE LINKS.
C13.46:219 20N U 41 10 MF$ 0.75

MICROWAVE EQUIPMENT, DIELECTRICS
RESEARCH ON DIELECTRICS FOR MICROWAVE ELECTRON DEVICES.
AD-629 942 11B T 66 09 HC$ 3.00 MF$ 0.75

MICROWAVE EQUIPMENT, ELECTRONIC SWITCHES
RAPID-ACTION SWITCH FOR 30-CENTIMETER WAVE,
AD-630 280 9E T 66 09 HC$ 1.00 MF$ 0.50

MICROWAVE EQUIPMENT, LIQUID LEVEL GAGES
INVESTIGATION OF MICROWAVE AND SONIC METHODS FOR MEASURING LIQUID LEVEL AND FLOW RATE.
AD-630 315 14B T 66 09 HC$ 2.00 MF$ 0.50

MICROWAVE EQUIPMENT, RADIO TRANSMITTERS
NEW METHODS FOR MEASURING SPURIOUS EMISSIONS.
AD-402 336 9E U 41 10 HC$13.60

MICROWAVE EQUIPMENT, RANGE FINDING
MICROWAVE POINTING VARIATIONS AND ANGLE MEASUREMENTS,
AD-630 249 17I T 66 09 HC$ 4.60 MF$ 0.50

MICROWAVE OSCILLATORS, X BAND
C. W. X-BAND VOLTAGE TUNABLE OSCILLATOR.
AD-630 950 9A T 66 10 HC$ 1.60 MF$ 0.50

MICROWAVE SPECTROSCOPY, FLUORIDES
MILLIMETER-WAVE MOLECULAR-BEAM SPECTRO- SCOPY: ALKALI FLUORIDES,
AD-629 796 7D T 66 09

MOLECULAR FORCE FIELD AND CENTRIFUGAL DISTORTION CONSTANTS OF NITROSYL FLUORIDE,
AD-629 797 7D T 66 09

MICROWAVES, NERVOUS SYSTEM
THE EFFECT OF MICROWAVES ON THE FUNCTIONAL STATE OF NERVE,
AD-629 865 6R T 66 09 HC$ 1.00 MF$ 0.50

MICROWAVES, SCATTERING
SCATTERING BY NONSPHERICAL SYSTEMS,
N66-13012 20H U 41 09 HC$ 3.00 MF$ 0.50

MILITARY INTELLIGENCE, INFORMATION RETRIEVAL
A COMPUTER PROGRAM FOR INDEX GENERATION.
AD-630 761 5B T 66 10 HC$ 4.60 MF$ 0.50

MILITARY PERSONNEL, PERFORMANCE(HUMAN)
THE EFFECTS OF CONFINEMENT ON THE PERFORMANCE OF COMBAT RELEVANT SKILLS: SUMMARY REPORT,
AD-463 918 5E U 41 10 HC$ 2.00

MILITARY PERSONNEL, STRESS(PSYCHOLOGY)
RESEARCH ON PSYCHIATRIC EFFECTIVENESS OF FUTURE WEAPONS SYSTEMS CREWS.
AD-630 453 5J T 66 09 HC$ 1.00 MF$ 0.50

MILITARY PSYCHOLOGY, ATTITUDES
THE MORALE FACTOR AND ITS ROLE IN A MODERN WAR,
AD-629 859 5J T 66 09 HC$ 1.60 MF$ 0.50

MILITARY STRATEGY, USSR
ON SOVIET MILITARY ART IN THE BATTLE OF THE VOLGA: THE SIXTH GUARDS TANK ARMY IN THE KHINGANO-MUKDEN OPERATION,
AD-631 088 15G T 66 10 MF$ 0.50

THE SIXTH GUARDS TANK ARMY IN THE KHINGANO-MUKDEN OPERATION,
AD-631 089 15G T 66 10 MF$ 0.50

MILK, CHEMICAL ANALYSIS
COMPOSITION OF BLACK BEAR MILK,
AD-630 189 6A T 66 09 HC$ 1.10 MF$ 0.50

MINERALS, CRYSTALS
SOME FUNDAMENTAL PROBLEMS IN CRYSTAL CHEMISTRY AND THEIR USE IN MINERALOGY,
AD-629 770 20B T 66 09 HC$ 2.00 MF$ 0.50

MINERALS, MARINE GEOLOGY
DISTRIBUTION OF DETRITAL MINERALS IN RECENT CARBONATE SEDIMENTS FROM THE SAHUL SHELF, NORTHERN AUSTRALIA,
AD-630 155 8G T 66 09

MINIATURE ELECTRONIC EQUIPMENT, COOLING
DEVELOPMENT OF COOLING DEVICE.
AD-629 990 13A T 66 09 HC$ 4.60 MF$ 0.50

MINIATURE ELECTRONIC EQUIPMENT, MICROWAVE EQUIPMENT
TECHNIQUES FOR MICROWAVE COMPONENTS OF REDUCED WEIGHT.
AD-629 930 9A T 66 09 HC$ 2.00 MF$ 0.50

MINIATURE ELECTRONIC EQUIPMENT, RADIO RECEIVERS
MINATURIZED RECEIVER FOR LOW ACCURACY TIME RECOVERY.
AD-462 618 17B U 41 10 HC$ 4.60

MIRRORS, SURFACES
GRATING GROOVE FORMATION IN AU AND AU- GE ALLOYS. SURFACE POLISH EFFECTS ON AU MIRRORS.
N66-12968 20F U 41 09 HC$ 3.00 MF$ 0.50

MITOCHONDRIA, CELL DIVISION
MITOCHONDRIAL DIVISION IN PHYTOHAEMAGGLUTININ-STIMULATED HUMAN LYMPHOCYTES,
ORNL-P-67 6C U 41 09 HC$ 1.00 MF$ 0.50

MITOCHONDRIA, CHEMICAL ANALYSIS
A SIMPLE METHOD FOR THE DETERMINATION OF WATER CONTENT AND PROTEIN CONCENTRATION IN SUBCELLULAR ELEMENTS,
AD-630 957 6A T 66 10

MITOCHONDRIA, COUNTING METHODS
A METHOD FOR THE COUNTING OF MITOCHONDRIA,
AD-630 382 6C T 66 09

MIXTURES, CHEMICAL ANALYSIS
METHOD OF PROPORTIONAL EQUATIONS FOR ANALYSIS OF CLOSELY RELATED MIXTURES BY DIFFERENTIAL REACTION RATES WHERE CONCENTRATION OF REAGENTS <<REACTANTS. CONDUCTOMETRIC DETERMINATION OF CARBONYL COMPOUNDS,
AD-630 057 7C T 66 09

MIXTURES, FLUIDS
SCALED PARTICLE THEORY OF FLUID MIXTURES,
AD-629 819 7D T 66 09

MIXTURES, HELIUM GROUP GASES
AFTERGLOW STUDIES IN NOBLE-GAS-HYDROGEN MIXTURES,
AD-630 222 20I T 66 09

MODELS(SIMULATIONS), SCALE
SCALING OF ISOTHERMAL SIMPLE-SHAPED BODIES IN A TRANSIENT TEMPERATURE ENVIRONMENT,
AD-630 901 22B T 66 10 HC$ 2.60 MF$ 0.50

MODULATION, LIGHT COMMUNICATION SYSTEMS
SOLID-STATE TECHNIQUES FOR MODULATION AND DEMODULATION OF OPTICAL WAVES.
AD-417 225 17B U 41 10 HC$ 2.60

MODULATORS, DESIGN
GEOMETRICAL INTERPRETATION AND GRAPHICAL SOLUTION TO MINIMUM ENERGY DISCRETE-DATA CONTROL.
N66-13558 9C U 41 09 HC$ 1.00 MF$ 0.50

MODULATORS, MICROWAVE FREQUENCY
RAPID-ACTION SWITCH FOR 30-CENTIMETER WAVE,
AD-630 280 9E T 66 09 HC$ 1.00 MF$ 0.50

MOISTUREPROOFING, FLIGHT INSTRUMENTS
INVESTIGATION OF THE OCCURRENCE OF CONDENSATION IN FLIGHT INSTRUMENTS.
AD-630 664 1D T 66 10 HC$ 5.60 MF$ 0.75

MOLECULAR ASSOCIATION, RHEOLOGY
THE EFFECTS OF INTERMOLECULAR FORCES ON POLYMER RHEOLOGY. II. HYDROGEN BONDING ABOVE TG.
AD-630 019 11I T 66 09 HC$ 2.00 MF$ 0.50

MOLECULAR BEAMS, FLUID MECHANICS
MEASUREMENTS OF MASS AND MOMENTUM FLUX IN NON-IDEAL MOLECULAR BEAMS,
N66-13162 20D U 41 09 HC$ 2.00 MF$ 0.50

MOLECULAR BEAMS, SCATTERING
SIMPLE CLASSICAL MODEL FOR THE SCATTERING OF GAS ATOMS FROM A SOLID SURFACE,
AD-630 501 7D T 66 09

MOLECULAR BEAMS, SYMPOSIA
CONFERENCE ON THE PHYSICS OF ELECTRONIC AND ATOMIC COLLISIONS, JANUARY 27 AND 28, 1958.
AD-630 803 7D T 66 10 HC$ 8.60 MF$ 0.75

MOLECULAR ENERGY LEVELS, BENZENE
EXCITED ELECTRONIC STATES OF CRYSTALLINE BENZENE,
AD-629 811 7D T 66 09

MOLECULAR ENERGY LEVELS, HELIUM GROUP GASES
MOLECULAR RYDBERG TRANSITIONS IN RARE-GAS MATRICES-EVIDENCE FOR INTERACTION BETWEEN IMPURITY STATES AND CRYSTAL STATES,
AD-629 812 7D T 66 09

MOLECULAR ENERGY LEVELS, REACTION KINETICS
CHEMICAL KINETICS AS A RELAXATION PROCESS IN A MULTILEVEL SYSTEM. II. GENERAL FORMULATION OF THE MANY-SHOT EXPANSION,
AD-630 211 7D T 66 09

MOLECULAR ORBITALS, OXIDIZERS
THEORETICAL AND QUANTUM CHEMISTRY OF N, O, F COMPOUNDS.
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MOLECULAR ORBITALS, FLUORAMINES
A STUDY OF THE ELECTRONIC CONFIGURATION AND BEHAVIOR OF THE NF2 GROUP.
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MOLECULAR ORBITALS, PHOSPHORUS COMPOUNDS
NORMAL COORDINATE ANALYSIS OF PF5, PF2C13, AND PC15,
AD-630 718 7B T 66 10

MOLECULAR PROPERTIES, MOMENTUM
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MOLECULAR ROTATION, AMINO ACIDS
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AD-629 825 6A T 66 09

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AD-629 807 7D T 66 09

MOLECULAR ROTATION, MONOCYCLIC COMPOUNDS
MOLECULAR ASYMMETRY OF OLEFINS. V. RESO- LUTION OF CIS,TRANS- 1,5-CYCLOOCTADIENE,
AD-630 720 7C T 66 10

MOLECULAR SPECTROS COPY, SHOCK TUBES
SHOCK TUBE SPECTROSCOPY LABORATORY. ANNUAL REPORT,
AD-629 958 14B T 66 09 HC$ 1.10 MF$ 0.50

MOLECULAR STRUCTURE, CODING
A DECODING STUDY OF THE LINE-FORMULA CHEMICAL NOTATION.
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MOLECULAR STRUCTURE, ELECTRON DIFFRACTION ANALYSIS
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MOLECULES, SCATTERING
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MOLLUSCA, MARINE BIOLOGY
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AD-630 696 A T 66 10

MOLYBDENUM ALLOYS, MECHANICAL PROPERTIES
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MOLYBDENUM ALLOYS, METALLURGY
MELTING, FABRICATION, AND CREEP TESTING OF A 1.39 PERCENT TI AND 0.34 PERCENT ZR AND 0.30 PERCENT C MOLYBDENUM ALLOY,
UCRL-14437 11F U 41 09 HC$ 2.00 MF$ 0.50

MOLYBDENUM ALLOYS, TITANIUM ALLOYS
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MOMENTUM, ELEMENTARY PARTICLES
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AD-630 369 20H T 66 09

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AD-630 309 20H T 66 09

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A DISCUSSION OF ENERGY AND MOMENTUM TRANSFER IN GAS-SURFACE INTERACTIONS.
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AN INSTRUMENTATION SYSTEM TO STUDY ROCKET EXHAUST PLUME RADIATIVE PROCESSES.
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FEASIBILITY STUDY FOR AN X-RAY BACKSCATTER AIR DENSITY SENSOR.
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MONITORS, PHASE SHIFTERS
MONITOR DEVICE FOR MICRO-WAVE PHASE SHIFTERS UTILIZING TWO HYBRID COUPLERS.
PATENT 3,229,205 9C U 41 10

MONOCYCLIC COMPOUNDS, MOLECULAR ROTATION
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AD-630 720 7C T 66 10

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MASS SPECTROMETER FOR LUNAR ANALYSIS STUDY.
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LUNAR PROFILES DETERMINED FROM ANNULAR SOLAR ECLIPSES OF 1962 AND 1963,
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LUNAR NAVIGATION STUDY, SUMMARY VOLUME.
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NASA 1965 SUMMER CONFERENCE ON LUNAR EXPLORATION AND SCIENCE.
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STRUCTURE OF THE CRATER ALPHONSUS.
AD-631 097 3A T 66 10

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RANGER VII PHOTOGRAPHS OF THE MOON. PART III. CAMERA 'P' SERIES,
N65-33848 3A U 41 09 HC$ 6.50 MF$ 1.25

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PROGRESS IN SELENODESY.
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MOON, SURFACES
STUDY OF THE FEASIBILITY OF AN EARLY LUNAR FLARE.
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CRATER FREQUENCY EVIDENCE FOR VOLCANISM IN THE LUNAR HIGHLANDS.
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COMMUNICATIONS OF THE LUNAR AND PLANETARY LABORATORY, VOLUME 3, NUMBER 50,
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AN ANALYSIS OF INDUCED MOTION.
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RACE AND BELIEF AS DETERMINANTS OF BEHAVIORAL INTENTIONS,
AD-630 021 5J T 66 09

MOTIVATION, PSYCHOMETRICS
CONCERN WITH MASTERY AND OCCUPATIONAL ATTRACTION,
AD-630 965 5J T 66 10

MOUNTAINS, EROSION
MASS-MOVEMENT IN CONTRASTING LATITUDES.
AD-630 023 8G T 66 09

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A PRELIMINARY STUDY OF THE FORMATION OF PRESSURE JUMPS BY A SMALL MOUNTAIN IN A TWO-LAYER MODEL.
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MULTIPLEX OPERATION, SOLID STATE DEVICES
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N66-15017 9A U 41 10 HC$ 2.00 MF$ 0.50

MULTIVARIATE ANALYSIS, THEORY
RECENT TRENDS IN MULTIVARIATE PREDICTION THEORY.
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MUONS, HYPERFINE STRUCTURE
VACUUM POLARIZATION CORRECTIONS TO HYPERFINE STRUCTURE IN MUONIC ATOMS.
AD-630 232 7D T 66 09

MUONS, MESON CAPTURE
COUPLING CONSTANTS IN MUON CAPTURE,
AD-630 087 20H T 66 09

MUONS, NUCLEAR REACTIONS
MUON CAPTURE RATES IN COMPLEX NUCLEI.
N66-12978 20H U 41 09 HC$ 1.00 MF$ 0.50

MUSCLES, FATIGUE(PHYSIOLOGY)
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AD-630 645 6P T 66 10

MUSCLES, MOTOR REACTIONS
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MUSCULOSKELETAL SYSTEM, EMBRYOLOGY
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EXPERIMENTAL STUDY OF ZONE REFINING OF THE BINARY SYSTEM TRIPHENYL ANTIMONY - NAPHTHALENE.
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INCREASING RETURNS IN MILITARY PRODUCTION FUNCTIONS.
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REPORT OF NRL PROGRESS.
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COURSE DESIGN MANUAL FOR JOB TRAINING COURSES (A PRELIMINARY EDITION).
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NAVY COST MODEL.
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MICROAGGLUTINATION TECHNIQUE FOR NEISSERIA MENINGITIDIS.
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ISOTOPIC MASSES OF HYDROGEN, CHLORINE, BARIUM, CERIUM, AND NEODYMIUM.
AD-630 571 18B T 66 10

NEODYMIUM, THERMAL EXPANSION
THERMALLY INDUCED EFFECTS IN SOLID STATE LASER RODS.
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NEON, ATOMIC ENERGY LEVELS
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AD-631 017 7D T 66 10

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POLYPS OF THE VAGINA: A BENIGN LESION RESEMBLING SARCOMA BOTRYOIDES.
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NERVE CELLS, BODY TEMPERATURE
NEURONES AND TEMPERATURE REGULATION.
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RESPONSES OF SINGLE NEURONS IN THE OLFACTORY BULBS OF RABBITS, DOGS, AND CATS TO X RAYS.
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NERVE FIBERS, LIPIDS
X-RAY DIFFRACTION STUDIES ON PERIPHERAL NERVE MYELIN.
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NERVES, MICROWAVES
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NERVES, SURGICAL TECHNIQUES
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AD-629 981 6E T 66 09

NERVOUS SYSTEM, CARDIOVASCULAR SYSTEM
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AD-630 053 6P T 66 09

NETOWRKS, SIMULATION
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NETWORKS, ELECTRICAL IMPEDANCE
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NEUROMUSCULAR TRANSMISSION, TIME
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AD-629 759 5J T 66 09

NEUROSPORA, GROWTH
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NEUTRINOS, PARTICLE BEAMS
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AD-630 355 20H T 66 09

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NEUTRON BOMBARDMENT, GELS
A STUDY OF THE FAST NEUTRON-INDUCED GELATION OF TRIETHYLENE GLYCOL DIMETHACRYLATE USING 14-MEV NEUTRONS.
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NEUTRON CROSS SECTIONS, HOLMIUM
TRANSMISSION OF 8 AND 15 MEV NEUTRONS THROUGH ORIENTED 165HO.
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NEUTRON FLUX, MONITORS
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AD-630 058 14B T 66 09

NEUTRON FLUX, PROGRAMMING(COMPUTERS)
ARMY GAS-COOLED REACTOR SYSTEMS PROGRAM. BOUNCE, AN IBM 7090 CODE TO CALCULATE FLUX DISTRIBUTIONS WITHIN MULTIPLE-PIN FUEL ELEMENTS BY THE METHOD OF SUCCESSIVE GENERATIONS.
AGN-TM-411 18K U 41 09 HC$ 4.00 MF$ 0.75

NEUTRON REACTIONS, NUCLEAR CROSS SECTIONS
NEUTRON-PROTON DIFFERENTIAL CROSS SECTION AT 129 AND 150 MEV.
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NEUTRON SCATTERING, PROGRAMMING (COMPUTERS)
CHAD - CODE TO HANDLE ANGULAR DATA.
NAA-SR-11231 9B U 41 10 HC$ 3.00 MF$ 0.75

NEUTRONS, DISTRIBUTION
A DETAILED DERIVATION OF THE COURANT-WALLACE EXPRESSIONS FOR THE SECOND MOMENTS OF THE NEUTRON PROBABILITY DISTRIBUTION AND FOR THE VARIANCE/MEAN RATIO.
AD-630 698 18I T 66 10 HC$ 3.60 MF$ 0.50

NEUTRONS, RADIOLOGICAL DOSAGE
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NICKEL ALLOYS, NOTCH TOUGHNESS
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NICKEL ALLOYS, TENSILE PROPERTIES
EFFECT OF COLD REDUCTION AND THERMAL TREATMENT ON TENSILE PROPERTIES OF A NICKEL-2 PERCENT BERYLLIUM ALLOY AT CRYOGENIC TEMPERATURES.
N66-14757 11F U 41 09 HC$ 1.00 MF$ 0.50

NICKEL, ADSORPTION
STUDY OF SURFACE PROPERTIES OF ATOMICALLY-CLEAN METALS AND SEMICONDUCTORS. PART I. STUDY OF CDS SURFACES BY LEED. PART II. COMBINED LEED AND MASS SPECTROMETER MEASUREMENTS FOR ADSORPTION AND CATALYSIS.
AD-630 863 20L T 66 10 HC$ 4.60 MF$ 0.50

NICKEL, DEUTERON BOMBARDMENT
ANALYSIS OF SINGLE EXCITATIONS IN INELASTIC DEUTERON SCATTERING FROM NI60, ZR92, AND SN120 NUCLEI.
AD-630 241 20H T 66 09

NICKEL, NUCLEAR SPECTROSCOPY
(HE3,T) INVESTIGATIONS OF IRON, NICKEL, AND ZIRCONIUM.
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NIGERIA, COMMERCE
FEDERAL REPUBLIC OF NIGERIA.
PB-169 567 5C U 41 10 HC$ 4.00 MF$ 0.75

NIGHT SKY, SKY BRIGHTNESS
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NITRATES, ADSORPTION
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NITRATES, COMPATIBILITY
STUDY PROPERTIES OF TETRAMMINO CUPRIC NITRATE.
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NITRATES, IONIC CURRENT
DIFFUSION, MOBILITE ELECTRIQUE ET INTER- ACTIONS IONIQUES DANS LES SELS FONDUS (DIFFUSION ELECTRICAL MOBILITY AND IONIC INTERACTIONS IN MOLTEN SALTS.)
PB-169 233 7D U 41 09 HC$ 3.00 MF$ 0.75

NITRITES, PERU
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AD-630 154 8J T 66 09

NITROGEN COMPOUNDS, OXIDES
REACTION KINETICS OF ROCKET PROPELLANT GASES: I. RATE OF DECOMPOSITION OF NITRIC OXIDE AT ELEVATED TEMPERATURES.
PB-169 143 21I U 41 09 HC$ 1.00 MF$ 0.50

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A STUDY OF THE ELECTRONIC CONFIGURATION AND BEHAVIOR OF THE NF2 GROUP.
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NITROGEN COMPOUNDS, MOLECULAR ORBITALS
THEORETICAL AND QUANTUM CHEMISTRY OF N, O, F COMPOUNDS.
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NITROGEN COMPOUNDS, MONOXIDES
UPPER LIMITS FOR CHEMILUMINESCENCE FROM SINGLE COLLISIONS OF 03 WITH NO, CO, H2S, AND CS2,
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PRESSURE-BROADENED WING CONTRIBUTIONS TO THE NO FUNDAMENTAL BAND INTENSITY.
AD-631 092 7D T 66 10

NITROGEN COMPOUNDS, POLYMERS
POLYMERIC SULFUR-, PHOSPHORUS-, CARBON NITROGEN - COMPOUNDS.
AD-629 761 7B T 66 09 HC$ 6.60 MF$ 0.75

NITROGEN COMPOUNDS, POTENTIAL ENERGY
POTENTIAL ENERGY CURVES FOR N2, NO, 02, AND CORRESPONDING IONS,
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NITROGEN COMPOUNDS, REACTION KINETICS
INVESTIGATION OF CHARGE NEUTRALIZATION PHENOMENA BETWEEN POSITIVE AND NEGATIVE IONS.
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NITROGEN COMPOUNDS, SPECTRA(VISIBLE + ULTRAVIOLET)
EMISSION SPECTRA OF FLAMES OF NF-CONTAIN- ING OXIDIZERS.
AD-630 099 7D T 66 09

NITROGEN, ATOMIC PROPERTIES
ATOMIC DENSITY MEASUREMENTS IN NITROGEN, OXYGEN, AND HYDROGEN AFTERGLOW PLASMAS,
AD-629 924 20I T 66 09 HC$ 3.00 MF$ 0.75

NITROGEN, CHEMICAL REACTIONS
REACTIONS OF ACTIVE NITROGEN WITH ORGANIC SUBSTRATES. III. THE DEGRADATIVE PRODUCTS OF THE REACTION WITH 1,3-BUTADIENE,
AD-631 107 7C T 66 10

NITROGEN, ELECTRON TRANSITIONS
FRANCK-CONDON FACTORS FOR OBSERVED TRANSITIONS IN N2 ABOVE 6 EV,
AD-630 717 7D T 66 10

NITROGEN, POTENTIAL ENERGY
POTENTIAL ENERGY CURVES FOR N2, NO, 02, AND CORRESPONDING IONS,
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NITROGEN, RECOMBINATION REACTIONS
STOM RECOMBINATION ON SURFACES.
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NITROGEN, THERMODYNAMICS
TABLE OF THERMODYNAMIC PROPERTIES AND CHEMICAL COMPOSITION OF NITROGEN IN CHEMICAL EQUILLIBRIUM INCLUDING SECOND VIRIAL COR- RECTIONS FROM 1600K TO 15,000K.
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THERMODYNAMIC PROPERTIES OF MOLECULAR NITROGEN,
AD-630 762 20M T 66 10 HC$ 5.00 MF$ 1.00

NOISE(RADIO), MEASUREMENT
NOISE MEASUREMENTS AS A TOOL IN ELECTRON DEVICE RESEARCH.
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QUARTERLY RADIO NOISE DATA, MARCH, APRIL, MAY, 1963.
C13.46:18-18 4A U 41 10 MF$ 0.75

NOISE(RADIO), MICROWAVE EQUIPMENT
NEW METHODS FOR MEASURING SPURIOUS EMISSIONS.
AD-402 336 9E U 41 10 HC$13.60

NOISE, PUMPS
THE GENERATION, PROPAGATION, AND REDUCTION OF NOISE IN CIRCULATING WATER PUMPING SYSTEMS.
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NOISE, SIMULATORS
FUELS FOR SMALL ARMS NOISE SIMULATORS. DEVICE 3C650.
AD-630 278 21D T 66 09 HC$ 7.60 MF$ 0.75

NOISE, STATISTICAL FUNCTIONS
ON SOME NEW RESULTS IN SHOT-NOISE,
AD-631 167 20A T 66 10

NOMOGRAPHS, PSYCHOMETRICS
A GRAPHIC METHOD FOR DETERMINING THE MEAN DIFFERENCE REQUIRED FOR SIGNIFICANCE IN BISERIAL ITEM ANALYSIS.
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NONEQUILIBRIUM FLOW, NOZZLE GAS FLOW
NON-EQUILIBRIUM NOZZLE FLOW WITH CONDENSATION.
AD-630 910 20D T 66 10 HC$ 2.00 MF$ 0.50

NONLINEAR DIFFERENTIAL EQUATIONS, FUNCTIONAL ANALYSIS
NONLINEAR EVALUTION EQUATIONS IN BANACH SPACES,
AD-631 158 12A T 66 10

NONLINEAR DIFFERENTIAL EQUATIONS, THEORY
LECTURES ON TOPICS IN NONLINEAR DIFFERENTIAL EQUATIONS,
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NON-DESTRUCTIVE TESTING, COMPOSITE MATERIALS
NONDESTRUCTIVE TESTING THEORY AND APPLICA- TION FOR COMPOSITES. BIBLIOGRAPHY.
N66-13338 5B U 41 10 HC$ 6.00 MF$ 1.25

NON-DESTRUCTIVE TESTING, CORROSION
MEASURING METALLIC CORROSION BY RADIATION BACKSCATTERING AND RADIATION INDUCED X-RAYS.
AD-630 814 11F T 66 10

NON-DESTRUCTIVE TESTING, ELECTRO MAGNETIC FIELDS
PULSED ELECTROMAGNETIC FIELD SYSTEM FOR NONDESTRUCTIVE TESTING.
PATENT 3,229,197 9C U 41 10

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NON-DESTRUCTIVE TESTING, MICROWAVES
MICROWAVE INSPECTION TECHNIQUES FOR DETERMINING ABLATIVE SHIELD THICKNESS AND CERAMIC MATERIALS PROPERTIES.
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A REPORT GUIDE TO ULTRASONIC TESTING LITERATURE. VOLUME I.
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THE EFFECT OF X-RAYS ON THE ACTIVITY OF NEURONS IN THE RAT OLFACTORY BULB,
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INTERPRETATIVE REPORT ON WELD-METAL TOUGHNESS.
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THE EFFECT OF LONGITUDINAL VISCOSITY ON THE FLOW AT A NOZZLE THROAT,
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NOZZLE GAS FLOW, NONEQUILIBRIUM FLOW
NON-EQUILIBRIUM NOZZLE FLOW WITH CONDENSATION.
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FORMATION OF THE FLOW UPSTREAM OF A SHOCK WAVE EXPELLED FROM A NOZZLE,
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NOZZLE GAS FLOW, VISCOSITY
THE EFFECT OF LONGITUDINAL VISCOSITY ON THE FLOW AT A NOZZLE THROAT,
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NOZZLES, JET PUMPS
GAS EJECTOR,
AD-630 273 13K T 66 09 HC$ 1.10 MF$ 0.50

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SEISMIC WAVE PROPAGATION,
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ABSOLUTE CROSS SECTION MEASUREMENTS FOR THE REACTIONS NE20(D,N)NA21 G.S. AND NE20(D,N)NA21 (0.34 MEV),
AD-630 520 20H T 66 10

NUCLEAR CROSS SECTIONS, HELIUM
LOW-ENERGY ELECTRON SCATTERING BY METASTABLE HELIUM,
AD-630 723 20H T 66 10

NUCLEAR CROSS SECTIONS, MEASUREMENT
STRUCTURE IN THE AL27 (N, ALPHA) CROSS SECTION.
AD-463 919 20H U 41 09 HC$ 1.60

NEUTRON-PROTON DIFFERENTIAL CROSS SECTION AT 129 AND 150 MEV,
AD-631 012 20H T 66 10

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TEST FOR THE BORN-APPROXIMATION MODEL OF THE PEIERLS MECHANISM,
AD-630 371 20H T 66 09

NUCLEAR CROSS SECTION, THEORY
THRESHOLD EFFECTS IN AVERAGE CROSS SECTIONS ACCORDING TO R-MATRIX THEORY,
AD-631 108 20J T 66 10

NUCLEAR ENERGY LEVELS, BERYLLIUM
ELECTROMAGNETIC DECAY OF THE 1.7- AND 2.43-MEV LEVELS IN 9BE,
AD-630 436 18H T 66 09

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NUCLEAR BLAST EFFECTS ON A METROPOLITAN ECONOMY,
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NUMERICAL PROGRAMS FOR SOLVING HYPERBOLIC SYSTEMS BY THE METHOD OF CHARACTERISTICS: RADIO EMISSION FROM A NUCLEAR EXPLOSION: PART I,
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FEASIBILITY OF MODELING CAVITY BEHAVIOR IN JOINTED ROCK MASSES.
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TRANSFORMATIONS FOR SCALING OF CLOSE-IN PRESSURES FROM NUCLEAR EXPLOSIONS,
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LONG RANGE SEISMIC MEASUREMENTS. CHARCOAL.
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ON THE A,T-DEPENDENCE OF COULOMB ENERGIES.
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HYPERFINE STRUCTURE AND OCTOPOLE INTERACTION IN STABLE BROMINE ISOTOPES,
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NMR METHODS FOR DETERMINING CHEMICAL EXCHANGE RATES.
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HYPERFINE STRUCTURE AND OCTOPOLE INTERACTION IN STABLE BROMINE ISOTOPES,
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A UNIFIED MULTICHANNEL TELEMETERING SYSTEM FOR THE STUDY OF NUCLEAR RADIATIONS,
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AD-630 378 20H T 66 09

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SU(6) AND WEAK INTERACTIONS,
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GAMES OF SEQUENCE PREDICTION,
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OPTIMAL POLICY FOR A DYNAMIC MULTI-ECHELON INVENTORY MODEL,
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TWO-STAGE LINEAR PROGRAM UNDER UNCERTAINTY: A BASIC PROPERTY OF THE OPTIMAL SOLUTION,
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OPTIMIZATION, SPACE PROPULSION
OPTIMAL COMBINATION OF PROPULSION SYSTEMS,
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AN 'OPTIMAL' SOLUTION OF SAINT-VENANT'S FLEXURE PROBLEM FOR A CIRCULAR CYLINDER,
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OPTIMIZATION, TRANSFER TRAJECTORIES
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AD-631 128 22C T 66 10

ORBITAL TRAJECTORIES, ARTIFICIAL SATELLITES
SATELLITE SITUATION REPORT, VOLUME 5, NO. 19,
N66-13959 22B U 41 09 HC$ 1.00 MF$ 0.50

ORBITAL TRAJECTORIES, MATHEMATICAL PREDICTION
ORBIT PREDICTION,
AD-630 045 22C T 66 09 HC$ 1.60 MF$ 0.50

ORDNANCE, FRAGMENTATION
FRAGMENTATION TESTING PROCEDURES,
AD-629 767 19A T 66 09 HC$ 2.60 MF$ 0.50

OREGON, BEEF
BEEF CATTLE FEEDLOTS IN OREGON: A FEASIBILITY STUDY,
PB-169 706 2E U 41 10 HC$ 2.00 MF$ 0.50

ORES(METAL SOURCES), REDUCTION
REDUCTION OF AN IRON CORE CONCENTRATE WITH HYDROGEN IN A SCREEN-PACKED FLUIDIZED BED,
AD-629 753 11F T 66 09

ORGANIC NITROGEN COMPOUNDS, SYNTHETIC RUBBER
SYNTHESIS AND POLYMERIZATION OF FLUORINATED SULFUR MODIFIED NITROSO RUBBER,
AD-461 060 11J U 41 09 HC$ 2.00

ORGANIC SULFUR COMPOUNDS, SYNTHETIC RUBBER
SYNTHESIS AND POLYMERIZATION OF FLUORINATED SULFUR MODIFIED NITROSO RUBBER,
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AD-461 060 11J U 41 09 HC$ 2.00

ORGANIC NITROGEN COMPOUNDS, CHEMICAL PROPERTIES
THE PREPARATION AND PROPERTIES OF SOME SALTS OF 2,2-DIPHENYLCYCLOPROPYL DIAZONIUM HYDROXIDE,
AD-631 109 7C T 66 10

ORGANIC NITROGEN COMPOUNDS, PHOTOLYSIS
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AD-629 835 L 7E,T 66 09

ORGANIC NITROGEN COMPOUNDS, SYNTHESIS(CHEMISTRY)
THE MECHANISM OF THE LITHIUM ETHOXIDE INDUCED CONVERSION OF N-NITROSO-N=(2,2-DIPHENYL CYCLOPROPYL) UREA TO 2,2-DIPHENYLDIAZO CYCLOPROPANE,
AD-631 112 7C T 66 10

ORGANIC PHOSPHORUS COMPOUNDS, PHOTOCHEMISTRY
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AD-629 806 7C T 66 09

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AD-630 008 7C T 66 09

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AD-629 810 7C T 66 09

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GLYCIDIC ESTERS AND/OR ORGANIC DISULFIDES AND RELATED SUBSTANCES, AS SOURCES OF ANTIRADIATION DRUGS.
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ORGANOBORANES, CHELATE COMPOUNDS
THE PREPARATION AND PROPERTIES OF SOME TETRACOORDINATE BORON COMPOUNDS. THE PSEUDO-METAL ION CONCEPT,
AD-630 721 7B T 66 10

ORGANOBORANES, ELASTOMERS
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OSCILLATION, LOADING(MECHANICS)
THE MAXIMUM RESPONSE OF A LINEAR MECHANICAL OSCILLATOR TO STATIONARY AND NONSTATIONARY RANDOM EXCITATION.
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OSCILLATORS, ELECTRIC BRIDGES
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PATENT 3,229,228 9E U 41 10

OSCILLATORS, ELECTROMAGNETIC PULSES
PULSED OSCILLATORS.
PATENT 3,229,227 9E U 41 10

OSCILLATORS, PRINTED CIRCUITS
STRIPLINE OSCILLATOR.
PATENT 3,237,122 9E U 41 10

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AD-630 492 14B T 66 09

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PB-169 367 9A U 41 09 HC$ 1.60 MF$ 0.50

OSCILLOSCOPES, CALIBRATION
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PB-169 388 9C U 41 10 HC$ 2.60 MF$ 0.50

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OXIDATION, COPPER
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AD-629 903 11F T 66 09 HC$14.90 MF$ 1.00

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INVESTIGATION OF THE KINETICS OF CRYSTALLIZATION OF MOLTEN BINARY AND TERNARY OXIDE SYSTEMS.
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OXIDES, DEHY DRATION
ETUDE DE L'EAU DE CONSTITUTION DE PLUSIEURS OXYDES A GRANDE SURFACE SPECIFIQUE (GLUCINE, ALUMINE, SILICE-ALUMINE) (STUDY ON THE BOUND WATER OF SEVERAL HIGH SPECIFIC SURFACE-AREA OXIDES (BERYLLIA, ALUMINA, SILICA-ALUMINA)).
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OXIDES, ELECTRICAL PROPERTIES
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OXIDES, POTENTIAL ENERGY
POTENTIAL ENERGY CURVES FOR N2, NO, O2, AND CORRESPONDING IONS,
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OXIDIZERS, DECOMPOSITION
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OXIDIZERS, FLAMES
EMISSION SPECTRA OF FLAMES OF NF-CONTAIN- ING OXIDIZERS.
AD-630 099 7D T 66 09

OXIDIZERS, FLUOROAMINES
A STUDY OF THE ELECTRONIC CONFIGURATION AND BEHAVIOR OF THE NF2 GROUP.
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OXIDIZERS, MOLECULAR ORBITALS
THEORETICAL AND QUANTUM CHEMISTRY OF N, O, F COMPOUNDS.
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OXIDOREDUCTASES, BIOCHEMISTRY
COMPARATIVE BIOCHEMISTRY OF SUCCINATE DEHYDROGENASE: FORMS AND FUNCTIONS,
AD-630 145 6A T 66 09

OXYGEN CONSUMPTION, ARCTIC REGIONS
STUDIES ON THE ENERGY COST OF LEVEL CROSS -COUNTRY TRAVEL IN THE ARCTIC.
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OXYGEN EQUIPMENT, TESTS
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OXYGEN, FUEL CELLS
HYDROGEN-OXYGEN ELECTROLYTIC REGENERATIVE FUEL CELLS.
N66-13128 10A U 41 09 HC$ 2.00 MF$ 0.50

OXYGEN, ATOMIC ENERGY LEVELS
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AD-630 714 20H T 66 10

OXYGEN, ATOMIC PROPERTIES
ATOMIC DENSITY MEASUREMENTS IN NITROGEN, OXYGEN, AND HYDROGEN AFTERGLOW PLASMAS,
AD-629 924 20I T 66 09 HC$ 3.00 MF$ 0.75

OXYGEN, BURNING RATE
KINETICS OF LAMINAR PREMIXED METHANE-OXYGEN -NITROGEN FLAMES,
AD-631 104 21B T 66 10

OXYGEN, DISSOCIATION
HYPERSONIC FLOW OF AIR PAST A CIRCULAR CYLINDER WITH NON-EQUILIBRIUM OXYGEN DISSOCIATION INCLUDING DISSOCIATION OF THE FREE STREAM,
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STUDY OF THE OXYGEN ELECTRODE MECHANISM.
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AD-437 157 7D U 41 10 HC$ 3.60 MF$ 0.75

OXYGEN, ELECTRON CAPTURE
SPIN-ORBIT COUPLING AND ELECTRON AFFINITY DETERMINATION FROM RADIATIVE CAPTURE OF ELECTRONS BY OXYGEN ATOMS.
AD-468 062 7D U 41 10 HC$ 2.60 MF$ 0.50

OXYGEN, POTENTIAL ENERGY
POTENTIAL ENERGY CURVES FOR N2, NO, O2, AND CORRESPONDING IONS,
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OXYGEN, REACTION KINETICS
INVESTIGATION OF CHARGE NEUTRALIZATION PHENOMENA BETWEEN POSITIVE AND NEGATIVE IONS.
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OXYGEN, RECOMBINATION REACTIONS
STOM RECOMBINATION ON SURFACES.
AD-630 339 7D T 66 09 HC$ 2.00 MF$ 0.50

OXYGEN, THERMODYNAMICS
THE THERMODYNAMICS OF THE MAGNESIA/MAGNESIUM-OXYGEN VAPOR SYSTEM,
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OXYGEN, TOXICITY
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OZONE, ATMOSPHERE
MEAN DISTRIBUTIONS OF OZONE DENSITY OVER NORTH AMERICA, 1963 1964.
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OZONE, CHEMILUMINESCENCE
UPPER LIMITS FOR CHEMILUMINESCENCE FROM SINGLE COLLISIONS OF O3 WITH NO, CO, H2S, AND CS2,
AD-630 017 7D T 66 09 HC$ 2.00 MF$ 0.50

OZONE, MEASUREMENT
COMPARISON OF CHEMILUMINESCENT AND ELECTROCHEMICAL OZONESONDE OBSERVATIONS,
AD-629 986 9A T 66 09

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PHOTOCHEMICAL TRANSFORMATIONS OF A BETA,GAMMA-EPOXY KETONE,
AD-629 833 7E T 66 09

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AD-630 154 8J T 66 09

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FRACTURE ZONES AND OFFSETS OF THE EAST PACIFIC RISE,
AD-629 997 8J T 66 09

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BIOMASS ATLAS OF NET ZOOPLANKTON IN THE NORTHEASTERN PACIFIC OCEAN, 1956-1964,

PB-169 414 8A U 41 09 HC$ 6.00 MF$ 1.25

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PAINTS, SPECTRA(INFRARED)
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AD-457 586 11C U 41 10 HC$ 1.00

PAIN, ADAPTATION(PHYSIOLOGY
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AD-630 979 6S T 66 10

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ANALYTIC PROPERTIES OF THE PARTIAL WAVE AMPLITUDES FOR PRODUCTION PROCESSES IN THE COMPLEX J-PLANE,
AD-630 307 20H T 66 09

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PALEONTOLOGY, PATHOLOGY
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AD-630 967 6E T 66 10

PALLADIUM ALLOYS, SILVER ALLOYS
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PANELS(STRUCTURAL), STABILITY
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AD-631 135 20D T 66 10

PAPER CAPACITORS, MANUFACTURING METHODS
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BODY-BUILD AND SURVIVAL IN EJECTIONS FROM NAVY AIRCRAFT,
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HIGH GAIN ANTENNA TECHNIQUES. AN APPROACH TO THE DESIGN OF THE CASSEGRAIN ANTENNA.
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LINCOLN EXPERIMENTAL TERMINAL ANTENNA SYSTEM.
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PARACHUTE JUMPING, FEAR
THE TRANSFORMATION OF FEAR.
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PARACHUTE JUMPING, MOTIVATION
THE IMPACT OF THE MEANS OF RECRUITMENT ON PERFORMANCE IN A DANGEROUS SPORT: SOCIAL, ENTHUSIASTIC AND EXHIBITIONIST SKYDIVERRS.
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PARACHUTE JUMPING, RECREATION
VOLUNTEERS FOR A HIGH RISK SPORT.
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WORSHIP AND THE DANGEROUS LIFE: A STUDY OF CHURCH ATTENDANCE AMONG SPORT PARACHUTISTS.
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PARAMETRIC AMPLIFIERS, GAIN
THE DEVELOPMENT OF AN S-BAND PARAMETRIC AMPLIFIER USING NEW TECHNIQUES FOR GAIN STABILIZATION.
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PARAMETRIC AMPLIFIERS, PHONONS
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PARASITES, LABORATORY ANIMALS
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AD-630 655 6C T 66 10 HC$ 3.00 MF$ 0.75

PARASITES, RATS
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PARITY, TENSOR ANALYSIS
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AD-630 324 20J T 66 09

PARKING ORBIT TRAJECTORIES, MARS
EFFICIENT PLANETARY PARKING ORBITS WITH EXAMPLES FOR MARS,
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PARTIAL DIFFERENTIAL EQUATIONS, BOUNDARY VALUE PROBLEMS
POINTWISE BOUNDS FOR SOLUTIONS OF THE SECOND INITIAL-BOUNDARY VALUE PROBLEM FOR PARABOLIC EQUATIONS.
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THE EXISTENCE OF A GLOBAL CLASSICAL SOLUTION OF THE INITIAL-BOUNDARY VALUE PROBLEM FOR A NON-LINEAR HYPERBOLIC EQUATION.
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REMOVABLE SINGULARITIES OF SOLUTIONS OF ELLIPTIC EQUATIONS,
AD-630 896 12A T 66 10

PARTIAL DIFFERENTIAL EQUATIONS, COMPLEX VARIABLES
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AD-630 208 12A T 66 09

PARTIAL DIFFERENTIAL EQUATIONS, FUNCTIONAL ANALYSIS
EQUAZIONI ELLITTICHE DEL II ORDINE E SPAZI L(2, LAMBDA) SPACES. (SECOND ORDER ELLIPTIC EQUATIONS AND L(2, LAMBDA) SPACES,
AD-630 214 12A T 66 09

PARTIAL DIFFERENTIAL EQUATIONS, INEQUALITIES
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PARTIAL DIFFERENTIAL EQUATIONS, NUMERICAL METHODS + PROCEDURES
NUMERICAL PROGRAMS FOR SOLVING HYPERBOLIC SYSTEMS BY THE METHOD OF CHARACTERISTICS: RADIO EMISSION FROM A NUCLEAR EXPLOSION: PART I,
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PARTIAL DIFFERENTIAL EQUATIONS, OPERATORS (MATHEMATICS)
ON SOLUTIONS OF THE GENERALIZED BI-AXIALLY SYMMETRIC HELMHOLTZ EQUATION GENERATED BY INTEGRAL OPERATORS,
AD-629 791 12A T 66 09

ON SOLUTIONS OF THE GENERALIZED AXIALLY SYMMETRIC WAVE EQUATION REPRESENTED BY BERGMAN OPERATORS,
AD-629 792 12A T 66 09

PARTIAL DIFFERENTIAL EQUATIONS, OPERATORS(MATHEMATICS)
NORMAL OPERATORS AND UNIFORMLY ELLIPTIC SELF-ADJOINT PARTIAL DIFFERENTIAL EQUATIONS,
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PARTIAL DIFFERENTIAL EQUATIONS, REAL VARIABLES
PROPERTIES OF DIFFERENTIAL FORMS IN N REAL VARIABLES.
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PARTIAL DIFFERENTIAL EQUATIONS, RELATIVITY THEORY
SPHERICALLY SYMMETRIC GRAVITATIONAL FIELDS,
AD-629 820 20J T 66 09

PARTIAL DIFFERENTIAL EQUATIONS, STOCHASTIC PROCESSES
ON A PARTIAL DIFFERENTIAL EQUATION OF EPIDEMIC THEORY. I,
AD-631 051 12A T 66 10

PARTIAL DIFFERENTIAL EQUATIONS, THEOREMS
APPLICATION OF THE THEORY OF HORMANDER TO FINDING THE FUNDAMENTAL SOLUTION OF HYPERBOLIC LINEAR PARTIAL DIFFERENTIAL EQUATIONS,
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PARTIAL DIFFERENTIAL EQUATIONS, THEORY
SINGULARITIES OF SOLUTIONS OF NONLINEAR EQUATIONS,
AD-630 584 12A T 66 10

PARTICLE SIZE, SHALE
THE PARTICLE SIZE DISTRIBUTION AND BULK PERMEABILITY OF OIL SHALE RUBBLE,
UCRL-14294 18C U 41 09 HC$ 1.00 MF$ 0.50

PARTICLE ACCELERATORS, PLASMA MEDIUM
PLASMA VORTICES IN THE COAXIAL PLASMA ACCELERATOR,
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PARTICLE BEAMS, IGNITERS
THE CONDITION OF COMBUSTION IN NON-THERMAL ACTIVATION OF COMBUSTIBLE MIXTURE,
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PARTICLE BEAMS, NUCLEAR REACTIONS
RADIATIVE LEPTON PRODUCTION BY A NEUTRINO BEAM,
AD-630 355 20H T 66 09

PARTICLE SIZE, DETERMINATION
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AD-630 370 7D T 66 09

PARTICLE SIZE, LABORATORY EQUIPMENT
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EXCHANGE EFFECTS IN THE LI6(HE3,P)BE8 REACTION,
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PARTICLES, ABLATION
A SUMMARY OF CALCULATIONS OF CHEMICAL AND FLUID DYNAMIC PARAMETERS IN THE SAPAG FACILITY,
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ACCELERATION OF PARTICLES IN THE EARTH'S SHOCK TRANSITION REGION AND BEYOND,
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FEASIBILITY OF ACCELERATING MICRON-SIZE PARTICLES IN SHOCK-TUBE FLOWS FOR HYPERVELOCITY DEGRADATION OF REFLECTIVE SURFACES,
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EXPERIMENTAL REFRACTIVE INDICES AND THEORETICAL SMALL-PARTICLE SPECTRAL PROPERTIES OF SELECTED METALS.
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PASTEURELLA, CHILDREN
THE PROBLEM OF TULAREMIA IN CHILDREN.
AD-630 731 6E T 66 10 HC$ 1.10 MF$ 0.50

PASTEURELLA, DISEASE VECTORS
SOME PROBLEMS IN THE EPIDEMIOLOGY AND PARASITOLOGY OF VECTOR BORNE OUTBREAKS OF TULAREMIA.
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SOME QUESTIONS ON THE EPIDEMIOLOGY AND PARASITOLOGY OF VECTOR OUTBREAKS OF TULAREMIA.
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PASTEURELLA, DISEASES
OCCUPATIONAL CASES OF TULAREMIA AND THEIR PREVENTION.
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PASTEURELLA, IMMUNITY
ON THE STUDYING OF AN ALLERGIC SKIN REACTION AS AN INDICATION OF IMMUNITY TO TULAREMIA.
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PASTEURELLA, VACCINES
A TEST OF THE SUITABILITY OF DRY LIVE TULAREMIA VACCINE AND TULARIN FOR THE ERECTION OF A SKIN REACTION.
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SIMULTANEOUS VACCINATION BY THE EPICUTANEOUS METHOD AGAINST PLAGUE, BRUCELLOSIS AND TULAREMIA.
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REACTOGENICITY AND EFFECTIVENESS OF AEROGENIC VACCINATION AGAINST CERTAIN ZOONOSES.
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PATHOLOGY, DOGS
CYSTIC MUCINOUS HYPERTROPHY OF THE MUCOSA OF THE GALL BLADDER IN THE DOG.
AD-629 959 2E T 66 09

PATTERN RECOGNITION, ADAPTIVE SYSTEMS
RESEARCH AND DEVELOPMENT PROGRAM ON AN ELECTROCHEMICAL ADAPTIVE SYSTEM FOR PATTERN RECOGNITION.
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AN ADAPTIVE HYPERSPHERE DECISION BOUNDARY.
AD-631 083 9D T 66 10 HC$ 2.60 MF$ 0.50

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ADAPTIVE PROGRAMMING TECHNIQUES FOR CIR- CUIT DESIGN.
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PATTERN RECOGNITION, COMPUTERS
PATTERN RECOGNITION. I. A COMPUTER PROGRAM FOR GENERATING SYNTHETIC PATTERNS.
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PATTERN RECOGNITION, LEARNING MACHINES
A STATISTICAL APPROACH TO THE DESIGN OF INTELLIGENT MACHINES. PATTERN RECOGNITION AND LEARNING.
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PATTERN RECOGNITION, OPTICAL IMAGES
THE EFFECTS OF DIFFRACTION ON OPTICAL DISCRIMINATION.
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PATTERN RECOGNITION, WAVE TRANSMIS SION
RESEARCH DIRECTED TOWARD PATTERN RECOGNITION CAPABILITIES OF WAVE PROC- ESSES IN ACTIVE ISOTROPIC PROPAGATING MEDIA.
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PAVEMENTS, ASPHALT
DEVELOPMENT OF NUCLEAR DENSITY TESTS FOR HOT ASPHALT PAVEMENTS.
PB-169 509 13B U 41 10 HC$ 2.00 MF$ 0.50

PAVEMENTS, ILLINOIS
AASHO ROAD TEST EQUATIONS APPLIED TO THE DESIGN OF PORTLAND CEMENT CONCRETE PAVEMENTS IN ILLINOIS.
PB-169 463 13B U 41 10 HC$ 4.60 MF$ 0.50

AASHO ROAD TEST EQUATIONS APPLIED TO THE DESIGN OF BITUMINOUS PAVEMENTS IN ILLINOIS.
PB-169 464 13B U 41 10 HC$ 5.60 MF$ 0.50

PAVEMENTS, REINFORCED CONCRETE
MOVING LOAD TEST ON EXPERIMENTAL PRESTRESSED CONCRETE HIGHWAY SLAB. PART B. ADDITIONAL INVESTIGATIONS.
PB-169 418 13B U 41 10 HC$ 2.00 MF$ 0.50

DETERMINING THE RELATIONSHIP OF VARIABLES IN DEFLECTION OF CONTINUOUSLY REINFORCED CONCRETE PAVEMENT.
PB-169 467 13B U 41 10 HC$ 6.60 MF$ 0.75

PAYLOAD, OPTIMIZATION
PAYLOAD OPTIMIZATION OF MULTISTAGE LAUNCH VEHICLES.
N66-14704 22A U 41 09 HC$ 2.00 MF$ 0.50

PERFORMANCE(HUMAN), NOISE
DESCRIPTION OF LANGLEY LOW-FREQUENCY NOISE FACILITY AND STUDY OF HUMAN RESPONSE TO NOISE FREQUENCIES BELOW 50 CPS.
N66-14904 5E U 41 09 HC$ 1.00 MF$ 0.50

PERFORMANCE(HUMAN), VIBRATION
THE EFFECT OF LOW FREQUENCY, HIGH AMPLITUDE, WHOLE BODY, LONGITUDINAL AND TRANSVERSE VIBRATION UPON HUMAN PERFORMANCE.
AD-630 012 6S T 66 09 HC$ 4.60 MF$ 0.50

PEROXIDASE, SYMPOSIA
NADH PEROXIDASE.
ORNL-P-1212 6A U 41 09 HC$ 2.00 MF$ 0.50

PEROXIDES, FREE RADICALS
QUANTUM MECHANICS OF HO2. IV. CHAIN PROGRAM.
AD-630 456 20J T 66 09 HC$15.40 MF$ 1.00

PEROXIDES, OXIDA TION-REDUCTION REACTIONS
THE OXIDATION OF PHENOLS. II. THE OXIDATION OF 2,4-DI-T-BUTYLPHENOL WITH PEROXY RADICALS.
AD-629 901 7C T 66 09

PERSONALITY, PSYCHOMETRICS
THE EFFECT OF NON-SCORED ITEMS AND RETESTING ON THE TAYLOR MANIFEST ANXIETY SCALE.
AD-467 964 5J U 41 10 HC$ 1.00 MF$ 0.50

PERSONNEL MANAGEMENT, PROGRAMMING(COMPUTERS)
A NETWORK FLOW TECHNIQUE FOR OPTIMIZING PERSONNEL ON BOARD BY PAY GRADE.
AD-630 915 5I T 66 10 HC$ 2.60 MF$ 0.50

PERSONNEL MANAGEMENT, ROADS
MANAGEMENT IMPROVEMENT PROJECT 1962-1964. WORK SAMPLING AND MANPOWER NEEDS STUDY.
PB-169 502 5I U 41 10 HC$ 3.00 MF$ 0.50

PERSONNEL, INVENTORY
PERSONNEL INVENTORY (A REPORT ON AN AUTOMATED INDEX TO MANPOWER).
AD-462 334 5I U 41 10 HC$ 2.60

PERTURBATION THEORY, DIFFERENTIAL EQUATIONS
THE PROBLEM OF SINGULAR PERTURBATIONS OF LINEAR ORDINARY DIFFERENTIAL EQUATIONS AT REGULAR SINGULAR POINTS.
AD-630 526 12A T 66 10 HC$ 3.00 MF$ 0.75

PERTURBATION THEORY, FUNCTIONAL ANALYSIS
EIGENFUNCTION EXPANSIONS IN BANACH SPACES.
AD-630 536 12A T 66 10 HC$ 2.00 MF$ 0.50

PERTURBATION THEORY, OPERATORS(MATHEMATICS)
GENERAL EXISTENCE CRITERIA FOR THE INVERSE OF AN OPERATOR.
AD-630 749 12A T 66 10 HC$ 1.10 MF$ 0.50

PERTURBATION THEORY, STRUCTURAL GEOLOGY
PERTURBATION THEORY FOR THE INVERSION OF BODY WAVE TRAVEL-TIME DATA.
AD-630 699 8G T 66 10 HC$ 4.60 MF$ 0.50

PERTURBATION THEORY, WAVE EQUATIONS
VARIATIONAL PRINCIPLE FOR THE ENERGY OF QUASISTATIONARY STATES.
AD-631 013 20J T 66 10 HC$ 1.10 MF$ 0.50

PERU, NITRITES
NITRITE DISTRIBUTION IN PERU CURRENT WATERS.
AD-630 154 8J T 66 09

PETROLEUM, DECONTAMINATION
ELECTROHYDRODYNAMIC REMOVAL OF MICROORGANISMS FROM HYDROCARBON FUELS.
AD-630 889 13K T 66 10 HC$ 4.00 MF$ 1.00

PETROLEUM, IMPURITIES
METHOD OF ANALYSIS OF MICROCONTAMINATIONS AND RESIDUES IN MEDIUM DISTILLATE FUELS.
AD-630 878 21D T 66 10 HC$ 1.10 MF$ 0.50

PETROLEUM, THERMAL STABILITY
STORAGE STABILITY OF HIGH TEMPERATURE FUELS.
AD-630 768 21D T 66 10 HC$ 5.00 MF$ 1.00

PHASE CONTROL DEVICES, ANTENNA ARRAYS
PHASE ERROR ANALYSIS FOR AN ACTIVE ARRAY SYSTEM.
AD-630 465 9D T 66 09 HC$ 2.00 MF$ 0.50

PHASE METERS, CALIBRATION
PHASE METER CALIBRATOR.
PATENT 3,229,204 9C U 41 10

PHASE SHIFTERS, CALIBRATION
PHASE SHIFTER PS 30. (INDUSTRIAL TEST EQUIPMENT CO.).
PB-169 391 9A U 41 10 HC$ 1.10 MF$ 0.50

PHASE SHIFTERS, MAGNETOSTRICTION
MAGNETOSTRICTION EFFECTS IN REMANENCE PHASE SHIFTERS.
AD-631 166 9E T 66 10

PHASE STUDIES, FERMIONS
PHASE TRANSITIONS IN SYSTEMS OF INTERACTING FERMIONS.
AD-630 377 20J T 66 09

PHASE STUDIES, THERMODYNAMICS
PHASE MIGRATION IN A MONOTHERMAL FIELD.
AD-630 550 20M T 66 10 HC$ 5.60 MF$ 0.50

PHASE STUDIES, TITANIUM ALLOYS
SUPRALEITUNG UND PHASENUMWANDLUNG BEI TITANLEGIERUNGEN. I. ZUSATZE VON VANADIUM + ALUMINIUM, NIOB UND MOLYBDAN (SUPERCON-DUCTIVITY AND PHASE TRANSFORMATION IN TITANIUM ALLOYS. I. ADDITION OF VANADIUM PLUS ALUMINUM, NIOBIUM AND MOLYBDENUM).
AD-629 830 11F T 66 09

PHASED ARRAYS, ANTENNAS

HIGH GAIN ANTENNA TECHNIQUES. SYSTEM GAIN-TO-NOISE TEMPERATURE RATIO MEASUREMENTS ON AN ADAPTIVELY PHASED ARRAY.
AD-630 872 9E T 66 10 HC$ 7.60 MF$ 0.75

PHASED ARRAYS, MICROWAVE COMMUNICATION SYSTEMS
BEYOND-LINE-OF-SIGHT DATA TRANSMISSION USING ADAPTIVE ARRAY TECHNIQUES.
AD-946 155 17B U 41 10 HC$ 4.60

PHASED ARRAYS, PHASE CONTROL DEVICES
ACTIVE ARRAY TECHNIQUE.
AD-630 472 9E T 66 09 HC$ 2.00 MF$ 0.50

PHASED ARRAYS, RADAR ANTENNAS
PERFORMANCE CHARACTERISTICS OF RADAR PHASED ARRAYS.
AD-630 819 17I T 66 10 HC$ 2.00 MF$ 0.50

PHASE-LOCKED COMMUNICATION SYSTEMS, INFORMATION THEORY
PHASE ERROR ANALYSIS FOR AN ACTIVE ARRAY SYSTEM.
AD-630 465 9D T 66 09 HC$ 2.00 MF$ 0.50

PHASE-LOCKED COMMUNICATION SYSTEMS, STABILITY
THE EFFECT OF A PURE TIME DELAY ON THE STABILITY OF A PHASE-LOCK LOOP.
AD-630 473 17B T 66 09 HC$ 3.00 MF$ 0.50

PHENOLIC PLASTICS, PREPARATION
PREPARATION OF POLYPHENYLENE.
AD-467 450 11A U 41 09 HC$ 1.00 MF$ 0.50

PHENOLS, OXIDATION
THE OXIDATION OF PHENOLS. II. THE OXIDATION OF 2,4-DI-T-BUTYLPHENOL WITH PEROXY RADICALS.
AD-629 901 7C T 66 09

PHONETICS, ANALYSIS
THE IDENTIFICATION AND DISCRIMINATION OF SYNTHETIC VOWELS.
AD-630 576 17B T 66 10

PHONETICS, INVARIANCE
INVARIANCE OF PERSONAL CHARACTERISTICS OF VOICE OVER TWO VOWEL SOUNDS.
AD-630 176 5B T 66 09

PHONETICS, SCIENTIFIC RESEARCH
SPEECH RESEARCH AND INSTRUMENTATION.
AD-630 336 9D T 66 09 HC$ 7.90 MF$ 2.25

PHONETICS, THEORY
SOME CONTROVERSIAL QUESTIONS IN PHONOLOGICAL THEORY.
AD-630 493 5G T 66 09

PHONONS, MASERS
BASIC EQUATIONS AND CONSERVATION THEOREMS FOR THE ELECTROSTRICTION PHONON MASER.
AD-630 497 20E T 66 09

PHONONS, PRODUCTION
NONLINEAR PHONON GENERATION.
AD-630 081 20J T 66 09

PHOSPHATE COATINGS, CORROSION INHIBITION
CORROSION PROTECTION BY COLD PHOSPHATIZATION.
AD-630 848 11C T 66 10 HC$ 2.60 MF$ 0.50

PHOSPHIDES, SYNTHESIS(CHEMISTRY)
PRESSURE SYNTHESIS OF BORON PHOSPHIDE AND BORON ARSENIDE.
AD-631 093 7B T 66 10

PHOSPHINE OXIDES, CHEMICAL BONDS
METHODS OF FORMATION OF PHOSPHORUS-CARBON BONDS: TERTIARY PHOSPHINE OXIDES.
AD-630 657 7C T 66 10

PHOSPHITES, CHEMICAL REACTIONS
HALOMETHYL-METAL COMPOUNDS. III. THE REACTION OF PHENYL(TRIHALOMETHYL)-AND PHENYL(DIHALOMETHYL)MERCURY COMPOUNDS WITH TRIALKYL PHOSPHITES.
AD-630 004 7C T 66 09

PHOSPHITES, PHOTOCHEMISTRY
PHOSPHONIC ACIDS AND ESTERS. XI. A PHOTO -INDUCED ARBUZOV REARRANGEMENT OF TRIALKYL PHOSPHITES.
AD-629 803 7E T 66 09

PHOSPHORUS COMPOUNDS, CHLORIDES
A SOLVENT EFFECT IN THE REACTION OF BENZALDESOXYBENZOIN WITH PHOSPHORUS PENTACHLORIDE.
AD-629 837 7C T 66 09

PHOSPHORUS COMPOUNDS, HALIDES
NORMAL COORDINATE ANALYSIS OF PF5, PF2C13, AND PC15.
AD-630 718 7B T 66 10

PHOSPHORUS COMPOUNDS, POLYMERS
POLYMERIC SULFUR-, PHOSPHORUS-, CARBON NITROGEN - COMPOUNDS.
AD-629 761 7B T 66 09 HC$ 6.60 MF$ 0.75

PHOTO CHEMISTRY, PATTERN RECOGNITION
RESEARCH AND DEVELOPMENT PROGRAM ON AN ELECTROCHEMICAL ADAPTIVE SYSTEM FOR PATTERN RECOGNITION.
AD-629 896 7D T 66 09 HC$ 1.60 MF$ 0.50

PHOTO CHROMISM, LASERS
FREQUENCY LOCKING AND DYE SPECTRAL HOLE-BURNING IN Q-SPOILED LASERS.
AD-630 455 20E T 66 09 HC$ 1.10 MF$ 0.50

PHOTO ELECTRONS, QUANTUM STATISTICS
PHOTOELECTRON STATISTICS PRODUCED BY A LASER OPERATING BELOW THE THRESHOLD OF OSCILLATION.
AD-630 504 20E T 66 09

PHOTOCHEMISTRY, CHEMILUMINESCENCE
CHEMILUMINESCENT MATERIALS.
AD-466 061 7E U 41 09 HC$ 3.00 MF$ 0.75

PHOTOCHEMISTRY, KETONES
PHOTOCHEMICAL TRANSFORMATIONS OF A BETA,GAMMA-EPOXY KETONE.
AD-629 833 7E T 66 09

PHOTOCHEMISTRY, SUGAR ACIDS
MANGANESE-CATALYZED OXIDATIONS OF 2,3-DIKE- TOGULONATE.
AD-629 845 6A T 66 09

PHOTOCHEMISTRY, S-HETEROCYCLIC COMPOUNDS
PHOTOLYTIC DESULPHURIZATION OF DIBENZOYLSTILBENE EPISULPHIDE.
AD-629 834 7E T 66 09

PHOTOCONDUCTIVITY, CARRIERS(SEMICONDUCTORS)
MEASUREMENT OF MINORITY CARRIER LIFETIME IN GERMANIUM AND SILICON BY THE SPREADING RESISTANCE PHOTO DECAY METHOD. CALORIMETRIC METHOD OF MEASURING ABSORBED POWER IN ELECTROLUMINESCENCE.
AD-630 930 20C T 66 10 HC$ 2.00 MF$ 0.50

PHOTOCONDUCTIVITY, HALIDES
INTRINSIC PHOTOCONDUCTIVITY IN THE ALKALI HALIDES.
AD-630 713 20C T 66 10

PHOTOCONDUCTIVITY, SEMICONDUCTORS
MEASUREMENT OF THE LIFETIME OF MINORITY CURRENT CARRIERS IN GE AND SI BY OBSERVING THE PHOTOCONDUCTIVE DECAY OF THE SPREADING RESISTANCE UNDER A POINT CONTACT.
AD-631 102 20L T 66 10 HC$ 1.00 MF$ 0.50

MEASUREMENT OF THE LIFETIME OF MINORITY CURRENT CARRIERS IN SEMICONDUCTORS BY OBSERVING THE PHOTOCONDUCTIVE DECAY OF THE SPREADING RESISTANCE UNDER A POINT CONTACT.
AD-631 119 20L T 66 10 HC$ 2.00 MF$ 0.50

PHOTOELASTICITY, INSTRUMENTATION
DYNAMIC PHOTOELASTICITY.
AD-630 760 20K T 66 10

PHOTOELASTICITY, POLYMERS
STUDY OF DYNAMIC BIREFRINGENCE AND STRAIN PRODUCED IN TRANSPARENT POLYMERS BY MECHANICAL IMPACT.
AD-630 913 11I T 66 10 HC$ 2.00 MF$ 0.50

PHOTOELECTRIC CELLS(SEMICONDUCTOR), GERMANIUM
STUDY OF GERMANIUM DEVICES FOR USE IN A THERMOPHOTOVOLTAIC CONVERTER.
AD-630 394 9A T 66 09 HC$ 9.60 MF$ 0.75

PHOTOELECTRIC EFFECT, COMPUTERS
ACTIVE LOGIC ELEMENTS USING NON-GALVANIC MODIFYING INPUTS.
AD-630 022 9B T 66 09 HC$ 2.00 MF$ 0.50

PHOTOELECTRIC EFFECT, LASERS
PHOTOCURRENT SPECTRUM AND PHOTOELECTRON COUNTS PRODUCED BY A GAS LASER.
AD-630 503 20E T 66 09

PHOTOELECTRONS, CESIUM COMPOUNDS
ANGULAR ENERGY DISTRIBUTION OF PHOTOELECTRONS.
AD-406 875 J20C,U 41 10 HC$ 2.60

PHOTOGEOLOGY, MOON
STRUCTURE OF THE CRATER ALPHONSUS.
AD-631 097 3A T 66 10

PHOTOGRAMMETRY, GEODESICS
ERROR STUDY OF A WORLDWIDE SATELLITE TRIANGULATION NET.
AD-630 781 8E T 66 10 HC$ 7.60 MF$ 0.75

PHOTOGRAMMETRY, OCEAN BOTTOM TOPOGRAPHY
STEREO-MAPPING OF UNDERWATER TERRAIN FROM A SUBMARINE.
AD-630 405 8B T 66 09

PHOTOGRAMMETRY, PROGRAMMING (COMPUTERS)
AEROTRIANGULATION STRIP ADJUSTMENT USING FORTRAN AND THE IBM 1620 COMPUTER.
PB-169 001 8B U 41 09 HC$ 2.00 MF$ 0.50

SUPPLEMENT TO ELECTRONIC COMPUTER PROGRAMS FOR ANALYTICAL AERIAL TRIANGULATION AND AEROTRIANGULATION STRIP ADJUSTMENT USING FORTRAN AND THE IBM 1620 COMPUTER.
PB-169 330 8B U 41 09 HC$ 6.60 MF$ 0.75

ELECTRONIC COMPUTER PROGRAMS FOR ANALYTICAL AERIAL TRIANGULATION.
PB-169 331 8B U 41 09 HC$ 6.60 MF$ 0.75

PHOTOGRAMMETRY, PROGRAMMING(COMPUTERS)
NOTE ON COMPUTER PROGRAM FOR THE SINGLE CAMERA ORIENTATION CASE.
AD-630 766 8B T 66 10 HC$ 1.60 MF$ 0.50

PHOTOGRAPHIC TECHNIQUES, LUNAR PROBES
RANGER VII PHOTOGRAPHS OF THE MOON. PART III. CAMERA 'P' SERIES.
N65-33848 3A U 41 09 HC$ 6.50 MF$ 1.25

PHOTOGRAPHIC PROJECTORS, PHOTOINTER PRETATION
DEVICE FOR COMPILING INFORMATION FROM AN ANAGLYPH.
PATENT 3,228,287 14E U 41 10

PHOTOGRAPHIC RECONNAISSANCE, AERIAL PHOTOGRAPHY
PROJECT AMPIRT SECOND TEST PERIOD REPORT.

AD-630 882 14E T 66 10 HC$ 2.00 MF$ 0.50

PHOTOGRAPHY, METEOROLOGY
METEOROLOGICAL STUDIES CONDUCTED BY CON- TRACT NONR-4071(00).
AD-630 110 4B T 66 09 HC$ 1.60 MF$ 0.50

PHOTOGRAPHY, MOON
FACSIMILE AND ACCELEROMETER SYSTEMS INTEGRATION STUDY.
N66-13399 22A U 41 10 HC$ 5.00 MF$ 1.00

PHOTOINTERPRETATION, PHOTOGRAPHIC PROJECTORS
DEVICE FOR COMPILING INFORMATION FROM AN ANAGLYPH.
PATENT 3,228,287 14E U 41 10

PHOTOINTERPRETERS, JOB ANALYSIS
ABILITY OF IMAGE INTERPRETERS TO ADAPT OUTPUT TO VARYING REQUIREMENTS FOR COMPLETENESS AND ACCURACY.
AD-631 178 5I T 66 10 HC$ 2.00 MF$ 0.50

PHOTOLYSIS, LIGHT PULSES
NANOSECOND BACKGROUND SOURCE FOR FLASH PHOTOLYSIS.
AD-630 616 7D T 66 10

PHOTOLYSIS, MOLECULAR ENERGY LEVELS
THE PHOTOCHEMICAL DECOMPOSITION OF ALPHA-DIAZOACETOPHENONE IN HYDROXYLIC SOLVENTS.
AD-629 835 L 7E,T 66 09

PHOTOLYSIS, REACTION KINETICS
CHEMICAL KINETICS AS A RELAXATION PROCESS IN A MULTILEVEL SYSTEM. II. GENERAL FORMULATION OF THE MANY-SHOT EXPANSION.
AD-630 211 7D T 66 09

PHOTONS, CALORIMETERS
PHOTON, NEUTRON AND CHARGED PARTICLE ABSORBED DOSE MEASUREMENTS WITH A PORTABLE MICROCALORIMETER.
AD-630 693 18D T 66 10 HC$ 2.60 MF$ 0.50

PHOTONS, COSMIC RAYS
HIGH ENERGY PHOTONS AND NEUTRINOS FROM COSMIC SOURCES.
N66-12961 4A U 41 09 HC$ 3.00 MF$ 0.75

PHOTONS, INFRARED RADIATION
INFRARED PHOTONS AND GRAVITONS.
AD-630 277 20J T 66 09

PHOTONS, PROPORTIONAL COUNTERS
A LARGE-AREA GAS PROPORTIONAL DETECTOR FOR LOW-ENERGY PHOTONS.
RFP-637 18D U 41 09 HC$ 1.00 MF$ 0.50

PHOTONUCLEAR REACTIONS, POTENTIAL THEORY
DYNAMICAL CORRELATIONS AND THE NUCLEAR PHOTOEFFECT.
AD-630 313 20J T 66 09

PHOTONUCLEAR REACTIONS, PROBABILITY
ELECTRODISINTEGRATION OF NUCLEI BY POSITRONS AND ELECTRONS.
AD-630 180 20H T 66 09

PHOTONUCLEAR REACTIONS, THEORY
REGGE-KHURI REPRESENTATION FOR PHOTOPRODUCTION.
AD-630 586 20J T 66 10

PHOTOSYNTHESIS, SCIENTIFIC RESEARCH
BASIC RESEARCH IN PHOTOSYNTHESIS.
AD-630 524 6A T 66 10 HC$ 1.10 MF$ 0.50

PHOTOTUBES, ARMY RESEARCH
RESEARCH STUDIES OF QUANTUM DETECTORS AND MIXERS.
AD-455 124 9A U 41 09 HC$ 7.60

PHTHALATES, CRYSTAL STRUCTURE
MORPHOLOGY OF CRYSTALLINE POLYETHYLENE TEREPHTHALATE (PET).
N66-13330 20B U 41 10 HC$ 2.00 MF$ 0.50

PHYSICAL FITNESS, MARINE CORPS
EVALUATION OF PHYSICAL FITNESS PROGRAM FOR WOMEN MARINES.
AD-631 143 6N T 66 10 HC$ 4.60 MF$ 0.50

PHYSICS, SCIENTIFIC RESEARCH
RESEARCH IN RADIATION PHYSICS AND AERODYNAMICS.
AD-631 070 20D T 66 10 HC$ 1.10 MF$ 0.50

PHYSICS DEPARTMENT PROGRESS REPORT, FEBRUARY-MAY 1965.
UCRL-14360 20H U 41 10 HC$ 4.00 MF$ 0.75

PIERS, NAVAL SHORE ESTABLISHMENTS
HYDRAULIC-PNEUMATIC FLOATING FENDER-ADDITIONAL IN-SERVICE TESTS, FIRST SERIES.
AD-630 637 13M T 66 10 HC$ 3.00 MF$ 0.75

PIEZOELECTRIC CRYSTALS, MECHANICAL WAVES
DIRECT PIEZOELECTRIC COUPLING OF SURFACE ELASTIC WAVES.
AD-630 719 20L T 66 10

PIEZOELECTRIC CRYSTALS, SEMICONDUCTOR DEVICES
TWO-PORT NETWORK PARAMETERS OF THE PIEZOELECTRIC SEMICONDUCTOR ELECTROACOUSTIC AMPLIFIER.
AD-631 035 9E T 66 10 HC$15.40 MF$ 1.00

PIEZOELECTRIC TRANSDUCERS, QUALITY CONTROL
QUALITY CONTROL FOR TRANSDUCER CERAMICS.
AD-630 490 13H T 66 09 HC$ 1.00 MF$ 0.50

PILOTS, MAN-MACHINE SYSTEMS
REPORT OF THE NASA SEMINAR ON PILOT-VEHICLE SYSTEMS IDENTIFICATION.
N66-13516 5H U 41 09 HC$ 3.00 MF$ 0.75

PILOTS, MILITARY TRAINING
CHANGES IN FLIGHT TRAINEE PERFORMANCE FOLLOWING SYNTHETIC HELICOPTER FLIGHT TRAINING.
AD-630 484 5I T 66 09 HC$ 1.00 MF$ 0.50

PILOTS, VISUAL PERCEPTION
EMPTY VISUAL FIELD STUDIES: SOME EFFECTS OF CORRECTIVE LENSES, FILTERS, AND STRUCTURE.
AD-445 863 6S U 41 09 HC$ 2.60

PROBLEMS RELATED TO VISUAL PERFORMANCE OF PILOTS.
AD-630 475 5J T 66 09 HC$ 4.00 MF$ 0.75

PIONS, ELASTIC SCATTERING
ON THE ELECTROMAGNETIC STRUCTURE OF THE YUKAWA MESON.
AD-630 398 20H T 66 09

PIONS, MESON REACTIONS
VECTOR MESONS AND COMPLEX ANGULAR MOMENTUM - II.
AD-630 138 20H T 66 09

PIONS, RESONANCE
POSSIBLE THEORETICAL INTERPRETATIONS OF THE T=2 PI-SIGMA RESONANCE.
AD-630 517 20J T 66 09

PIPES, FLEXIBLE COUPLINGS
INVESTIGATION OF FLEXIBLE PIPING CONNECTIONS.
AD-630 421 13K T 66 09 HC$ 2.60 MF$ 0.50

PIPES, FLUID DYNAMIC PROPERTIES
RESISTANCE COEFFICIENTS FOR STRUCTURAL PLATE CORRUGATED PIPE. HYDRAULIC MODEL INVESTIGATION.
AD-631 004 13K T 66 10 MF$ 1.00

PIPES, FLUID FLOW
A MECHANISM FOR INSTABILITY OF PLANE COUETTE FLOW AND OF POISEUILLE FLOW IN A PIPE.
AD-630 961 20D T 66 10

PIPES, HEAT TRANSFER
HEAT TRANSFER IN CYLINDRICAL PIPES WITH FULLY ESTABLISHED TURBULENT FLOW AND EXPOSED TO A UNIFORM TEMPERATURE ENVIRONMENT.
AD-630 347 20M T 66 09

PIPES, HYDRODYNAMICS
CAVITATION AND ENERGY DISSIPATION IN CONDUIT EXPANSIONS.
AD-629 885 20D T 66 09 HC$ 1.00 MF$ 0.50

PIPES, REINFORCED CONCRETE
ANNUAL PERFORMANCE SURVEY OF REINFORCED CONCRETE PIPE CULVERTS (5TH.)
PB-169 515 13K U 41 10 HC$ 3.00 MF$ 0.75

PLAN POSITION INDICATORS, MICROMINIATURIZATION(ELECTRONICS)
MIRAGE (MICROELECTRONIC RADAR INDICATOR FOR GROUND EQUIPMENT).
AD-631 180 17I T 66 10 HC$ 3.00 MF$ 0.75

PLANETARY ATMOSPHERES, MARS
THE ATMOSPHERE AND SURFACE OF MARS. A SELECTIVE REVIEW.
N66-12974 3B U 41 09 HC$ 3.00 MF$ 0.75

PLANETARY ATMOSPHERES, SIMULATION
THE USE OF CONVENTIONAL WIND TUNNELS TO SIMULATE PLANETARY ATMOSPHERIC AERODYNAMICS.
N66-13555 1A U 41 09 HC$ 1.00 MF$ 0.50

PLANETS, MOTION
PLANETARY PERTURBATIONS IN CHEBYSHEV SERIES.
N66-14388 3C U 41 09 HC$ 3.00 MF$ 0.75

PLANKTON, LUMINESCENCE
THE DISTRIBUTION AND CHARACTERISTICS OF SURFACE BIOLUMINESCENCE IN THE OCEANS.
AD-630 903 8A T 66 10 MF$ 0.75

PLANKTON, PACIFIC OCEAN
BIOMASS ATLAS OF NET ZOOPLANKTON IN THE NORTHEASTERN PACIFIC OCEAN, 1956-1964.
PB-169 414 8A U 41 09 HC$ 6.00 MF$ 1.25

PLANKTON, STRONTIUM
ECOLOGY OF ACANTHERIA IN RELATION TO THE SR CIRCULATION IN THE SEA.
TID-21521 18H U 41 09 HC$ 2.00 MF$ 0.50

PLANTS (BOTANY), EROSION
ROADSIDE DEVELOPMENT.
PB-169 466 13B U 41 10 HC$ 5.60 MF$ 0.75

PLANTS (BOTANY), KENYA
NOTES ON SEASHORE VEGETATION OF KENYA.
AD-630 028 8F T 66 09

PLANTS(BOTANY), AUSTRALIA
GEOGRAPHIC RECONNAISSANCE OF WESTERN AUSTRALIAN SEASHORE VEGETATION.
AD-630 027 8F T 66 09

PLANTS(BOTANY), EUROPE
ZUR KENNTNIS DES SPHAGNUM ANGERMANICUM IN EUROPA.
AD-629 758 6C T 66 09

PLANTS(BOTANY), MUTATIONS
INVESTIGATIONS OF MUTABILITY OF POLYGENES AND ON UTILIZATION OF INDUCED GENETIC VARIABILITY.
TID-21649 6C U 41 09 HC$ 3.00 MF$ 0.75

PLANTS(BOTANY), RADIATION EFFECTS

OFFSITE ECOLOGICAL RESEARCH OF THE DIVISION OF BIOLOGY AND MEDICINE.
TID-13358 6F U 41 09 HC$ 2.50 MF$ 1.00

PLASMA ACCELERATORS, ELECTRODES
PLASMA-ELECTRODE PHENOMENA OF THE RAIL TYPE ACCELERATOR.
AD-630 703 20I T 66 10 HC$ 3.60 MF$ 0.50

PLASMA ACCELERATORS, SHOCK WAVES
INVESTIGATION OF THE MOTION OF A PLASMA IN A GAS-DISCHARGE TUBE EQUIPPED WITH COAXIAL ELECTRODES.
AD-630 972 20I T 66 10 HC$ 1.00 MF$ 0.50

PLASMA ENGINES, PLASMA PHYSICS
PLASMA-ELECTRODE PHENOMENA OF THE RAIL TYPE ACCELERATOR.
AD-630 703 20I T 66 10 HC$ 3.60 MF$ 0.50

PLASMA GENERATORS, ELECTRIC FIELDS
THE VOLT-AMPERE CHARACTERISTICS OF AN ELECTRO-HYDRODYNAMIC GENERATOR.
AD-630 808 10B T 66 10 HC$11.60 MF$ 0.75

PLASMA GENERATORS, ELECTRODES
ELECTRODE HEAT TRANSFER IN THE ROTATED ARC.
AD-466 353 20H U 41 10 HC$ 2.60 MF$ 0.50

PLASMA JETS, CHEMISTRY
PLASMA JET CHEMISTRY.
AD-630 549 7B T 66 10 HC$ 2.00 MF$ 0.50

PLASMA MEDIUM, ANALYSIS
NON-EQUILIBRIUM IONIZATION USING ELECTRO- STATIC PROBING TECHNIQUES.
AD-631 005 20I T 66 10 HC$ 7.60 MF$ 0.75

PLASMA MEDIUM, ANTENNAS
ECM AEROSPACE ANTENNA STUDIES, VOLUME 2 OF 2.
AD-630 049 9E T 66 09 HC$ 2.00 MF$ 0.50

PLASMA MEDIUM, ELECTRICAL CONDUCTANCE
THE NONLINEAR CONDUCTIVITY OF A WEAKLY IONIZED, NON-MAXWELLIAN MAGNETOPLASMA.
AD-630 611 20C T 66 10 HC$ 2.60 MF$ 0.50

PLASMA MEDIUM, GAS DISCHARGES
AN INVESTIGATION OF ELECTRONIC RECOMBINA- TION IN HELIUM AND ARGON AFTERGLOW PLASMAS BY MEANS OF LASER INTERFEROMETRIC MEASUREMENTS.
AD-630 074 20I T 66 09 HC$ 4.00 MF$ 0.75

PLASMA MEDIUM, GLOW DISCHARGES
ATOMIC DENSITY MEASUREMENTS IN NITROGEN, OXYGEN, AND HYDROGEN AFTERGLOW PLASMAS.
AD-629 924 20I T 66 09 HC$ 3.00 MF$ 0.75

PLASMA MEDIUM, HYPERSONIC FLOW
PLASMA FREQUENCY AND ELECTRON COLLISION FREQUENCY CHARTS FOR HYPERSONIC VEHICLE EQUILIBRIUM FLOW FIELDS IN AIR.
AD-294 472 1A U 41 10 HC$ 1.00

PLASMA MEDIUM, MEASUREMENT
MEASUREMENTS OF ANISOTROPIC PLASMAS USING A TURNSTILE MULTIPLE PROBE POLARIMETER.
AD-630 143 20I T 66 09 HC$ 2.00 MF$ 0.50

PLASMA MEDIUM, MOTION
INVESTIGATION OF THE MOTION OF A PLASMA IN A GAS-DISCHARGE TUBE EQUIPPED WITH COAXIAL ELECTRODES.
AD-630 972 20I T 66 10 HC$ 1.00 MF$ 0.50

PLASMA MEDIUM, ORTICES
MEASUREMENTS ON PLASMA VORTICES AND TURBULENCE.
AD-629 799 20I T 66 09

PLASMA MEDIUM, PARTICLE ACCELERATORS
PLASMA VORTICES IN THE COAXIAL PLASMA ACCELERATOR.
AD-629 800 20I T 66 09

PLASMA MEDIUM, PROBES (ELECTROMAGNETIC)
IONIZATION IN HYPERSONIC WAKES. REVIEW OF MICROWAVE PROBE INSTRUMENTATION AND SUMMARY OF PRELIMINARY DATA.
AD-294 868 1A U 41 10 HC$ 3.00

PLASMA MEDIUM, PROBES(ELECTRO MAGNETIC)
MILLIMETER WAVELENGTH FOCUSED PROBES AND FOCUSED, RESONANT PROBES FOR USE IN STUDYING IONIZED WAKES BEHIND HYPERSONIC VELOCITY PROJECTILES.
AD-413 158 1A U 41 10 HC$ 3.00

PLASMA MEDIUM, PROBES(ELECTROMAGNETIC)
MICROWAVE REFLECTION TECHNIQUES FOR DENSE PLASMA DIAGNOSTICS.
C13.46:256 20I U 41 10 MF$ 0.50

PLASMA MEDIUM, PROPAGATION
WAVE PROPAGATION IN HOT PLASMA WAVEGUIDES WITH INFINITE MAGNETOSTATIC FIELDS.
AD-630 209 20N T 66 09

PLASMA MEDIUM, SCIENTIFIC RESEARCH
STUDY OF COLLISION PROCESSES IN GASEOUS PLASMAS.
AD-630 123 20C T 66 09 HC$ 1.10 MF$ 0.50

PLASMA MEDIUM, THERMAL PROPERTIES
DEPARTURES FROM LOCAL THERMAL EQUILIBRIUM IN A MAGNETICALLY-DRIVEN SHOCK WAVE.
AD-629 991 20I T 66 09

PLASMA PHYSICS, ANALYSIS
PROGRESS IN GENERAL PHYSICS, PLASMA DYNAMICS, COMMUNICATION SCIENCES, AND ENGINEERING.
N66-13650 20I U 41 09 HC$ 6.00 MF$ 1.50

PLASMA PHYSICS, ELECTROMAGNETIC WAVES
ON THE THEORY OF WAVE PROPAGATION IN A BOUNDED COMPRESSIBLE PLASMA.
AD-629 993 20N T 66 09

LINEARLY POLARIZED CHARACTERISTIC WAVES IN A MAGNETOPLASMA.
AD-630 778 20N T 66 10

PLASMA PHYSICS, ELECTRON BEAMS
EXPERIMENTS ON WAVE INTERACTIONS BETWEEN PLASMA AND AN ELECTRON STREAM IN A MAGNETIC FIELD.
AD-630 040 20I T 66 09 HC$ 1.00 MF$ 0.50

PLASMA PHYSICS, EQUATIONS OF MOTION
A NUMERICAL METHOD FOR SOLVING THE ONE-DIMENSIONAL UNSTEADY MGD BASIC EQUATIONS FOR FINITE MAGNETIC REYNOLDS NUMBER.
AD-630 632 20I T 66 10 HC$ 1.00 MF$ 0.50

PLASMA PHYSICS, FLUID MECHANICS
NONLINEAR MECHANICS OF PLASMA-LIKE DISTRIBUTED MEDIA.
AD-630 677 20I T 66 10 HC$ 2.60 MF$ 0.50

PLASMA PHYSICS, INTERFEROMETERS
EFFECT OF A RADIALLY INHOMOGENEOUS PLASMA ON MICROWAVE INTERFEROMETER MEASUREMENTS.
UCRL-14438 20I U 41 10 HC$ 1.00 MF$ 0.50

PLASMA PHYSICS, STABILITY
THE ELECTRON PLASMA - EXPERIMENT THEORY AND APPLICATIONS.
N66-14958 20I U 41 10 HC$ 1.00 MF$ 0.50

PLASMA PHYSICS, SUPERSONIC FLOW
INVESTIGATIONS IN SOVIET HYPERVELOCITY TESTING TECHNIQUE.
AD-630 450 20D T 66 09 HC$ 3.00 MF$ 0.75

PLASMA PHYSICS, THERMAL PROPERTIES
PROPAGATION AND INSTABILITIES IN BOUNDED AND FINITE TEMPERATURE PLASMAS.
AD-630 128 20N T 66 09 HC$12.60 MF$ 1.00

PLASMA PHYSICS, WAVE TRANSMISSION
RESEARCH ON PROPAGATION OF HIGH POWER WAVES IN IONIZED MEDIA.
AD-631 047 20N T 66 10 HC$ 1.10 MF$ 0.50

PLASTIC COATINGS, BONDING
GRAFT POLYMERIZATION ON A PAPER BASE BY IONIZING RADIATION.
PATENT 3,236,584 13H U 41 10

PLASTIC COATINGS, ORGANIC PHOSPHORUS COMPOUNDS
POTENTIAL APPLICATIONS OF POLY(METAL PHOSPHINATES): ANTISTATIC COATINGS, MULTI -PURPOSE THICKENERS AND EXPLORATORY STUDIES ON THERMALLY STABLE ELASTOMERS.
AD-630 262 11I T 66 09 HC$ 2.00 MF$ 0.50

PLASTIC COATINGS, PROTECTIVE TREATMENTS
APPLICATION OF PLASTIC COATINGS TO LARGE ARTICLES (NANESENIIE PLASTMASSOVYKH POKRITI NA KRUPNOGABARITNYE IZDELIYA).
AD-630 743 13H T 66 10

PLASTIC COATING, BONDING
GRAFT POLYMERIZATION OF AN ORGANOSILOXANE COATING ON LEATHER BY IONIZING RADIATION.
PATENT 3,236, 923 13H U 41 10

PLASTICITY, STABILITY
ON STABILITY OF VISCOPLASTIC SYSTEMS WITH THERMOMECHANICAL COUPLING.
AD-630 922 20K T 66 10 HC$ 1.60 MF$ 0.50

PLASTICITY, THEORY
INVESTIGATION ON ELASTICITY AND PLASTICITY (COLLECTION OF ARTICLES).
AD-630 414 20K T 66 09 HC$ 7.05 MF$ 1.75

PLASTICS, BONDING
WELDING OF TEFLON AND OTHER ORGANIC MATERIALS.
AD-630 847 11I T 66 10 HC$ 1.00 MF$ 0.50

PLASTICS, COMPOSITE MATERIALS
A MULTIAXIAL FATIGUE TEST FOR EVALUATION OF PLASTICS COMPOSITE MATERIALS.
AD-630 434 11D T 66 09 HC$ 2.00 MF$ 0.50

PLASTICS, FUNGUS DETERIORATION
FUNGUS RESISTANCE OF PLASTICS.
PB-169 577 11I U 41 10 HC$ 5.60

PLASTICS, IMPACT TESTS
STUDY OF DYNAMIC BIREFRINGENCE AND STRAIN PRODUCED IN TRANSPARENT POLYMERS BY MECHANICAL IMPACT.
AD-630 913 11I T 66 10 HC$ 2.00 MF$ 0.50

PLASTICS, MECHANICAL PROPERTIES
PREDICTION OF MECHANICAL BEHAVIOR OF PLASTICS UNDERGOING DECOMPOSITION FROM THE COMBINED EFFECTS OF ENVIRONMENTAL EXPOSURE AND STRESS.
AD-631 001 11I T 66 10 HC$ 2.00 MF$ 0.50

PLATING, ELECTRIC TERMINALS
SOLDERABILITY OF TERMINALS AND AGING.
AD-427 219 13H U 41 10 HC$ 2.00 MF$ 0.50

PLATINUM, ELECTRODES
STUDY OF THE OXYGEN ELECTRODE MECHANISM.
AD-415 090 9A U 41 10 HC$ 5.60

PLUTONIUM, NUCLEAR PHYSICS

PLUTONIUM ABSTRACTS. VOLUME 5. NUMBER 10.
BNWL-113-10 VOL. 5 NO. 10 18J U 41 09 HC$ 3.00 MF$ 0.75

PLUTONIUM ABSTRACTS. VOLUME 5. NUMBER 11.
BNWL-113-11 18J U 41 09 HC$ 2.00 MF$ 0.50

PLUTONIUM, RADIOCHEMISTRY
RADIOCHEMISTRY OF PLUTONIUM AND URANIUM IN SOIL,
AD-446 343 7E U 41 09 HC$ 1.00

PLUTONIUM, REACTOR MATERIALS
PLUTONIUM METALLURGY NOTEBOOK,
BNWL-37 11F U 41 09 HC$ 6.00 MF$ 1.25

PNEUMATIC DEVICES, EJECTION
PNEUMATIC ENERGY CARTRIDGE.
PATENT 3,228,385 13G U 41 10

PNEUMATIC SYSTEMS, FLUID AMPLIFIERS
BASIC APPLIED RESEARCH IN FLUID POWER CONTROL.
AD-630 790 13G T 66 10 HC$10.60 MF$ 0.75

POISONING, ENZYME INHIBITORS
STUDIES ON MECHANISMS OF TRYPTOPHAN PYRROLASE INHIBITION DURING ENDOTOXIN POISONING.
AD-630 134 6T T 66 09 HC$ 1.00 MF$ 0.50

POLAR REGIONS, FOOD
FOOD ATTITUDES IN AN UNUSUAL ENVIRONMENT.
PB-169 438 6H U 41 10 HC$ 2.60

POLAR REGIONS, GEOGRAPHY
SELECTED ASPECTS OF GEOLOGY AND PHYSIOGRA- PHY OF THE COLD REGIONS.
AD-630 983 8F T 66 10 HC$ 3.00 MF$ 0.75

POLARIZATION, MAGNETO-OPTIC EFFECT
POLARIZATION EXTENSIONS OF THE MONOSTATIC-BISTATIC EQUIVALENCE THEOREM,
AD-630 864 20C T 66 10 HC$ 1.60 MF$ 0.50

POLITICAL SCIENCE, COLD WAR
THE EFFECTS OF EVENTS: AN EXPLORATORY ANALYSIS OF CHANGE IN PROBABILITY AND DESIRABILITY EVALUATIONS OF COLD WAR FUTURES,
AD-630 564 5D T 66 10 HC$ 4.00 MF$ 1.00

POLITICAL SCIENCE, JAPAN
JAPANESE VALUES AND THE DEMOCRATIC PROCESS.
AD-630 061 5K T 66 09

POLITICAL SCIENCE, LATIN AMERICA
THE COURSE OF U. S. PRIVATE INVESTMENT IN LATIN AMERICA SINCE THE RISE OF CASTRO,
AD-442 041 5C U 41 10 HC$ 4.60

POLITICAL SCIENCE, USSR
KREMLIN MOODS,
AD-430 881 5D U 41 10 HC$30.40

POLYATOMIC MOLECULES, KINETIC THEORY
MOMENTUM TRANSFER APPROXIMATION FOR THE CALCULATION OF MOLECULAR TRANSITION PROBABILITIES IN HIGH TEMPERATURE GAS KINETIC COLLISIONS,
AD-466 629 7D U 41 10 HC$ 3.00 MF$ 0.75

POLYCYCLIC COMPOUNDS, LABELED SUBSTANCES
SYNTHESE D'UN HYDROCARBURE AROMATIQUE POLYCYCLIQUE MARQUE AU CARBONE 14: LE DIBENZO (B, D E F) CHRYSENE 14C-7,14 (SYNTHESIS OF A POLYCYCLIC AROMATIC HYDROCARBON MARKED WITH CARBON-14: (B, D E F) DIBENZOCHRYSENE (14)C-7, 14),
PB-169 157 7E U 41 09 HC$ 3.00 MF$ 0.75

POLYCYCLIC COMPOUNDS, OXIDATION
OXIDATION OF POLYCYCLIC, AROMATIC HYDROCARBONS: A REVIEW OF THE LITERATURE,
C13,44-87 7C U 41 09 MF$ 0.75

POLYCYCLIC COMPOUNDS, SYNTHESIS (CHEMISTRY)
TWO NOVEL TETRACYCLO-OCTANES,
AD-629 852 7C T 66 09

POLYESTER PLASTICS, ORGANIC PHOSPHORUS COMPOUNDS
POTENTIAL APPLICATIONS OF POLY(METAL PHOSPHINATES): ANTISTATIC COATINGS, MULTI -PURPOSE THICKENERS AND EXPLORATORY STUDIES ON THERMALLY STABLE ELASTOMERS.
AD-630 262 11I T 66 09 HC$ 2.00 MF$ 0.50

POLYESTER PLASTICS, REVIEWS
FOREIGN SCIENCE BULLETIN, VOLUME 2, NO. 3.
AD-630 191 5A T 66 09 HC$ 3.00 MF$ 0.75

POLYMERIZATION, HEAT-RESISTANT PLASTICS
FUNDAMENTAL STUDIES ON THE SYNTHESIS OF HEAT-RESISTANT POLYMERS. THE SYNTHESIS AND EVALUATION OF POLYMERIC SCHIFF BASES FROM XYLYLIDENE TETRAALKYL ETHERS.
N66-13161 7C U 41 09 HC$ 3.00 MF$ 0.75

POLYMERS, ABLATION
A CORRELATION OF POLYMERIC STRUCTURE TO ABLATIVE PROPERTIES.
AD-467 049 11I U 41 10 HC$ 2.00 MF$ 0.50

POLYMERS, MOLECULAR ASSOCIATION
THE EFFECTS OF INTERMOLECULAR FORCES ON POLYMER RHEOLOGY. II. HYDROGEN BONDING ABOVE TG.
AD-630 019 11I T 66 09 HC$ 2.00 MF$ 0.50

POLYMERS, POLARIZATION
HIGH TEMPERATURE POLYMERS FROM 1,3DIPOLAR ADDITION REACTIONS.
AD-462 323 7C U 41 09 HC$ 2.60

POLYMERS, RADIATION DAMAGE
POSITRON LIFETIMES IN NEUTRON- AND GAMMA -IRRADIATED POLYMERS,
AD-630 227 7E T 66 09

POLYMERS, REACTION KINETICS
KINETICS OF ANTHRACENE ADDITION TO POLYSTYRENES POSSESSING ONE OR TWO LIVING ENDS PER CHAIN,
AD-630 000 7D T 66 09

POLYMERS, SPACECRAFT
DEVELOPMENT OF SPECIFICATIONS FOR POLYMERIC MATERIALS.
N66-13838 11I U 41 09 HC$ 3.00 MF$ 0.75

POLYMERS, SYNTHESIS(CHEMISTRY)
POLY(IMIDAZOPYRROLONES) - A NEW CLASS OF RADIATION RESISTANT POLYMERS,
N66-13499 7C U 41 09 HC$ 1.00 MF$ 0.50

POLYNOMIALS, ALGEBRA
ON THE MODULI OF ZEROS OF DERIVATIVES OF POLYNOMIALS.
AD-630 753 12A T 66 10 HC$ 1.60 MF$ 0.50

POLYNOMIALS, INTEGRALS
CONCERNING THE MOMENT PROBLEM.
ORNL-3694 12A U 41 10 HC$ 3.00 MF$ 0.50

POLYNOMIALS, NUCLEAR SCATTERING
REMARKS ON THE POLYNOMIAL BOUNDEDNESS IN THE MANDELSTAM REPRESENTATION,
AD-630 447 20H T 66 09

POLYNOMIALS, SPECIAL FUNCTIONS(MATHEMATICAL)
ON BESSEL POLYNOMIALS.
AD-630 527 12A T 66 10 HC$ 1.00 MF$ 0.50

POLYSACCHARIDES, PROCESSING
PROCESS FOR A MICROBIAL POLYSACCHARIDE.
PATENT 3,228,855 6A U 41 10

PORPHRINS, ELECTRICAL CONDUCTANCE
ELECTRICAL PROPERTIES OF SOME PORPHYRINS UNDER HIGH PRESSURE,
AD-631 110 7D T 66 10

POSITIONING DEVICES(MACHINERY), DIFFUSERS
DIFFUSER POSITIONING DEVICE.
PATENT 3,236,263 14B U 41 10

POSITIONING REACTIONS, EXTREMITIES
ACCURACY OF ACTIVE AND PASSIVE POSITIONING OF THE LEG ON THE BASIS OF KINESTHETIC CUES,
AD-630 646 6P T 66 10

POSITRONIUM, CHEMISTRY
POSITRONIUM AND ITS CHEMISTRY,
AD-630 228 7E T 66 09

POSITRONS, ANNIHILATION REACTIONS
TIME MATCH OF PULSES AND TIME RESOLUTION OF A TIME-TO-AMPLITUDE CONVERTER,
AD-630 229 18D T 66 09

CONSTRUCTION AND PERFORMANCE OF A FAST TIME-TO-AMPLITUDE CONVERTER,
AD-630 230 18D T 66 09

POSITRONS, NUCLEAR SCATTERING
CALCULATIONS IN ATOMIC SCATTERING PROBLEMS AND ATOMIC STRUCTURE.
AD-630 172 7D T 66 09 HC$ 1.10 MF$ 0.50

POSITRONS, PHOTONUCLEAR REACTIONS
ELECTRODISINTEGRATION OF NUCLEI BY POSITRONS AND ELECTRONS,
AD-630 180 20H T 66 09

POSITRONS, POLYMERS
POSITRON LIFETIMES IN NEUTRON- AND GAMMA -IRRADIATED POLYMERS,
AD-630 227 7E T 66 09

POTASSIUM COMPOUNDS, SULFATES
PARAMAGNETIC CENTERS IN IRRADIATED POTASSIUM SULFATE,
AD-629 900 7E T 66 09

POTASSIUM, CORROSION
POTASSIUM CORROSION TEST LOOP DEVELOPMENT - PURIFICATION AND ANALYSIS OF HELIUM FOR THE WELDING CHAMBER,
N66-13015 14B U 41 09 HC$ 2.00 MF$ 0.50

POTASSIUM, FLUORESCENCE
LIGHT SOURCES FOR THE EXCITATION OF ATOMIC RESONANCE FLUORESCENCE IN POTASSIUM AND RUBIDIUM,
AD-630 216 20F T 66 09

POTASSIUM, HEAT OF SOLUTION
HEATS OF SOLUTION OF ALKALI METALS IN AMMONIA.
AD-630 917 7D T 66 10 HC$ 1.60 MF$ 0.50

POTASSIUM, VAPORS
EXPERIMENTAL NOZZLE EXPANSION AND FLOW CHARACTERISTICS OF POTASSIUM VAPOR,
N66-14760 20D U 41 09 HC$ 1.00 MF$ 0.50

POTENTIAL SCATTERING, REVIEWS
ANALYTICITY IN POTENTIAL SCATTERING,
AD-631 161 20J T 66 10

POTENTIAL THEORY, DISTRIBUTION THEORY
ON GENERALIZED AXIALLY SYMMETRIC POTENTIALS WHOSE ASSOCIATES

ARE DISTRIBUTIONS,
AD-629 793 12A T 66 09

POTENTIAL THEORY, INEQUALITIES
SOME INEQUALITIES FOR GENERALIZED AXIALLY SYMMETRIC POTENTIALS WITH ENTIRE AND MEROMORPHIC ASSOCIATES,
AD-630 585 12A T 66 10

POTENTIAL THEORY, REAL VARIABLES
PROPERTIES OF DIFFERENTIAL FORMS IN N REAL VARIABLES,
AD-630 535 12A T 66 10 HC$ 1.00 MF$ 0.50

POTENTIOMETERS, MANUFACTURING METHODS
PRODUCTION ENGINEERING MEASURE FOR SUBMINIATURE, TRANSISTOR TYPE POTENTIOMETERS,
AD-631 050 14B T 66 10 HC$ 1.00 MF$ 0.50

POWDER METALLURGY, HOT WORKING
ISOSTATIC HOT PRESSING,
Y-1487 13H U 41 09 HC$ 3.00 MF$ 0.75

POWDER METALS, ELECTROPLATING
HARD ANODIZING OF BAKED ALUMINUM POWDER,
AD-630 688 13H T 66 10 HC$ 1.00 MF$ 0.50

POWDER METALS, TUNGSTEN
PROCESS FOR PRODUCTION OF HIGH SURFACE AREA TUNGSTEN AND TUNGSTEN TRIOXIDE POWDERS,
PATENT 3,236,634 13H U 41 10

POWDERS, CERAMIC MATERIALS
PROCESS FOR PRODUCTION OF HIGH SURFACE AREA TUNGSTEN AND TUNGSTEN TRIOXIDE POWDERS,
PATENT 3,236,634 13H U 41 10

POWDERS, STATIC ELECTRICITY
INVESTIGATION OF ELECTRIFICATION OF POWDERS IN FLOW THROUGH TUBES AND NOZZLES. I. A CHARGE ANALYZER,
AD-449 189 20C U 41 10 HC$ 2.00

POWER AMPLIFIERS, COAXIAL CABLES
A COAXIAL CAVITY POWER AMPLIFIER (1300 TO 2400 MEGAHERTZ),
AD-631 054 9A T 66 10 HC$ 1.00 MF$ 0.50

POWER METERS, CALIBRATION
SUMMATION BRIDGE AN/URM-23 PRD 14H,
PB-169 390 9C U 41 10 HC$ 1.60 MF$ 0.50

POWER REACTORS, FEASIBILITY STUDIES
ENGINEERING AND ECONOMIC FEASIBILITY STUDY FOR A COMBINATION NUCLEAR POWER AND DESALTING PLANT. PHASE III.
TID-22330 18L U 41 09 HC$ 4.00 MF$ 2.75

POWER REACTORS, PRESSURE VESSELS
RADIATION DAMAGE SURVEILLANCE OF POWER REACTOR PRESSURE VESSELS.
AD-629 881 18J T 66 09 HC$ 1.00 MF$ 0.50

POWER REACTORS, REACTOR FUELS
YAEC DEVELOPMENT PROGRAM FOR THE PERIOD JULY 1 TO DECEMBER 31, 1959,
YAEC-124 18L U 41 09 HC$ 3.00 MF$ 0.75

POWER REACTORS, REACTOR OPERATION
PIQUA NUCLEAR POWER FACILITY MONTHLY OPERATING REPORT NO. 19,
COO-652-9 18L U 41 09 HC$ 1.00 MF$ 0.50

POWER SUPPLIES, LIMITERS
ELECTRICAL RECYCLING CIRCUIT FOR CONTROLLING AND PROTECTING FUNCTIONAL EQUIPMENT,
PATENT 3,229,164 9E U 41 10

POWER SUPPLIES, MOISTURE
RESEARCH AND DEVELOPMENT OF OPEN CYCLE FUEL CELLS,
N66-15024 10A U 41 10 HC$ 2.00 MF$ 0.50

POWER SUPPLIES, PUBLIC ADDRESS SYSTEMS
A SURVEY OF SOLID STATE D.C. POWER SUPPLY CONFIGURATIONS FOR HIGH POWER,
AD-630 567 17B T 66 10 HC$ 1.00 MF$ 0.50

PREAMPLIFIERS, CALIBRATION
PREAMPLIFIER TYPE M,
PB-169 367 9A U 41 09 HC$ 1.60 MF$ 0.50

PRECESSION, DIFFERENTIAL EQUATIONS
THE PRECESSING SYSTEM OF REFERENCE,
AD-631 091 12A T 66 10

PRESERVATION, BLOOD CELLS
STUDIES IN RED CELL PRESERVATION,
AD-465 913 6A U 41 09 HC$ 3.00 MF$ 0.75

PRESSURE SUITS, ASTRONAUTS
A WATER-IMMERSION TECHNIQUE FOR THE STUDY OF MOBILITY OF A PRESSURE-SUITED SUBJECT UNDER BALANCED-GRAVITY CONDITIONS,
N66-14151 5E U 41 09 HC$ 2.00 MF$ 0.50

PRESSURE SUITS, SPACE FLIGHT
SPACE SUIT: DETERMINATION OF THE GEOMETRY AND MINIMUM VOLUME OF THE ENVELOPE REQUIRED FOR DONNING AND DOFFING OF, GEOMETRIC AND VOLUMETRIC DETERMINATIONS OF THE MINIMAL ENVELOPE FOR DONNING THE FULL PRESSURE SUIT,
AD-410 471 6K U 41 10 HC$ 5.60

PRESSURE VESSELS, COMPOSITE MATERIALS
COMPOSITE PRESSURE VESSEL,
PATENT 3,228,550 13J U 41 10

PRESSURE VESSELS, DESIGN
SELECTED DESIGN DATA PERTAINING TO GUN TUBES AND HIGH-PRESSURE VESSELS,
AD-630 686 19F T 66 10 HC$ 4.60 MF$ 0.50

PRESSURE VESSELS, RADIATION DAMAGE
RADIATION DAMAGE SURVEILLANCE OF POWER REACTOR PRESSURE VESSELS,
AD-629 881 18J T 66 09 HC$ 1.00 MF$ 0.50

PRESSURE, BOUNDARY LAYER
EXPERIMENTAL RESEARCH ON THE EFFECT OF PRESSURE GRADIENT AND FREE STREAM TURBULENCE ON THE BOUNDARY LAYER OF A FLAT ROUGH PLATE,
AD-630 799 20D T 66 10 HC$ 2.00 MF$ 0.50

PRESSURE, MERCURY
CONDENSATION PRESSURE DROP OF NONWETTING MERCURY IN A UNIFORMLY TAPERED TUBE IN 1-G AND ZERO-GRAVITY ENVIRONMENTS,
N66-14237 20D U 41 09 HC$ 2.00 MF$ 0.50

PRESSURE, NUCLEAR EXPLOSIONS
TRANSFORMATIONS FOR SCALING OF CLOSE-IN PRESSURES FROM NUCLEAR EXPLOSIONS,
AD-630 654 18C T 66 10 HC$ 1.60 MF$ 0.50

PRESSURIZED WATER REACTORS, REACTOR ACCIDENTS
SAMPLING AND ANALYSIS OF FISSION PRODUCTS DURING THE LOSS-OF FLUID TEST (LOFT),
IDO-17128 18G U 41 10 HC$ 4.00 MF$ 0.75

PRESSURIZED WATER REACTORS, REACTOR KINETICS
SPERT III REACTOR FACILITY E-CORE REVISION,
IDO-17036 18I U 41 10 HC$ 4.00 MF$ 0.75

PRIMARY BATTERIES, DESIGN
INVESTIGATIONS LEADING TO THE DEVELOPMENT OF A PRIMARY ZINC-SILVER OXIDE BATTERY OF IMPROVED PERFORMANCE CHARACTERISTICS.
N66-13637 10C U 41 09 HC$ 3.00 MF$ 0.75

PRIMARY CELLS, BATTERY SEPARATORS
IMPROVED SEPARATORS FOR SILVER OXIDE-ZINC AND SILVER OXIDE-CADMIUM CELLS FOR SPACECRAFT APPLICATION,
N66-13826 10A U 41 09 HC$ 1.00 MF$ 0.50

PRIMARY CELLS, LIFE EXPECTANCY
LIFE CYCLE TESTS,
N66-13829 10A U 41 09 HC$ 5.00 MF$ 1.00

PRIMARY CELLS, TEMPERATURE
RESEARCH AND DEVELOPMENT OF THE SILVER OXIDE-CADMIUM ELECTROCHEMICAL SYSTEM,
N66-13645 10A U 41 09 HC$ 1.00 MF$ 0.50

PRIMERS, CARTRIDGES
PRIMER ASSEMBLY,
PATENT 3,236,181 19A U 41 10

PRINTED CIRCUITS, RADIOFREQUENCY
MULTILAYER BOARD APPLICATION TO RF CIRCUITRY,
AD-629 890 9A T 66 09 HC$ 2.00 MF$ 0.50

PROBABILITY, DIFFUSION
A DIALYSIS SYSTEM WITH ONE ABSORBING AND ONE SEMI-REFLECTING STATE,
AD-630 754 6C T 66 10 HC$ 2.60 MF$ 0.50

PROBABILITY, LEAST SQUARES METHOD
THE LEAST SQUARES METHOD BASED ON THE FUNDAMENTAL PRINCIPLES OF THE THEORY OF PROBABILITY,
AD-630 267 12A T 66 09 HC$ 2.00 MF$ 0.50

PROBABILITY, MATHEMATICAL PREDICTION
PSYCHOLOGICAL PREDICTIONS BASED ON BAYESIAN PROBABILITIES,
AD-630 314 5J T 66 09 HC$ 2.00 MF$ 0.50

PROBABILITY, OPERATIONS RESEARCH
INTERPOLATION OF THE RENEWAL FUNCTION,
AD-630 716 12B T 66 10

PROBABILITY, STATISTICAL FUNCTIONS
SEMI-REGULAR FUNCTIONS IN MARKOV CHAINS,
AD-630 837 12A T 66 10 HC$ 4.60 MF$ 0.50

PROBABILITY, STOCHASTIC PROCESSES
ON THE RELATION BETWEEN A PARTICULAR STOCHASTIC PROCESS AND ITS TWO IMBEDDED MARKOV CHAINS,
AD-630 606 12A T 66 10 HC$ 1.60 MF$ 0.50

PROBABILITY, THEOREMS
LIMIT THEOREMS FOR TRANSIENT MARKOV CHAINS,
AD-630 944 12A T 66 10 HC$ 3.60 MF$ 0.50

PROBES (ELECTROMAGNETIC), GAS IONIZATION
IONIZATION IN HYPERSONIC WAKES. REVIEW OF MICROWAVE PROBE INSTRUMENTATION AND SUMMARY OF PRELIMINARY DATA,
AD-294 868 1A U 41 10 HC$ 3.00

PROBES(ELECTROMAGNETIC), ATMOSPHERIC SOUNDING
ANTENNA IMPEDANCE PROBES IN HIGHLY DISTURBED IONOSPHERES,
AD-630 591 4A T 66 10 HC$ 2.00 MF$ 0.50

PROBES(ELECTROMAGNETIC), GAS IONIZATION
MILLIMETER WAVELENGTH FOCUSED PROBES AND FOCUSED, RESONANT PROBES FOR USE IN STUDYING IONIZED WAKES BEHIND HYPERSONIC VELOCITY PROJECTILES,
AD-413 158 1A U 41 10 HC$ 3.00

PROBES(ELECTROMAGNETIC), MICROWAVE EQUIPMENT
MICROWAVE POINTING VARIATIONS AND ANGLE MEASUREMENTS,
AD-630 249 17I T 66 09 HC$ 4.60 MF$ 0.50

PROBES(ELECTROMAGNETIC), PLASMA MEDIUM
MICROWAVE REFLECTION TECHNIQUES FOR DENSE PLASMA DIAGNOSTICS.
C13,46:256 20I U 41 10 MF$ 0.50

PROBLEM SOLVING, DISPLAY SYSTEMS
COMPLEX DISCRIMINATION WITH TWO STAGES OF SOLUTION,
AD-629 829 5J T 66 09

PROBLEM SOLVING, ENGINEERING
THE DECOMPOSITION PRINCIPLE IN ENGINEERING PROBLEMS: TOWARDS A MULTI-LEVEL CONCEPT OF PROBLEM-SOLVING. I.
AD-630 942 12B T 66 10 HC$ 1.60 MF$ 0.50

THE DECOMPOSITION PRINCIPLE IN ENGINEERING PROBLEMS: TOWARDS A MULTI-LEVEL CONCEPT OF PROBLEM SOLVING.
AD-630 943 12B T 66 10 HC$ 2.60 MF$ 0.50

PROGRAMMED INSTRUCTION, FLOW CHARTING
EFFECTIVENESS OF PROGRAMMED INSTRUCTIONAL MATERIALS DESIGNED TO INTEGRATE LOWER-LEVEL SUPPORTING BEHAVIORS INTO HIGHER-LEVEL BEHAVIORS IN A LEARNING PROGRAM FOR COMPUTER FLOW CHART DESIGN,
AD-630 981 5I T 66 10 HC$ 2.00 MF$ 0.50

PROGRAMMING (COMPUTERS), BRIDGES
A PROGRAM TO ANALYZE CURVED GIRDER BRIDGES,
PB-169 611 20K U 41 10 HC$ 5.60 MF$ 0.50

PROGRAMMING (COMPUTERS), LANGUAGE
STYLISTIC ANALYSIS: REPORT ON THE SECOND YEAR OF RESEARCH,
AD-629 789 5G T 66 09 HC$13.60 MF$ 1.00

PROGRAMMING LANGUAGES, CONTEXT FREE GRAMMARS
BOUNDED REGULAR SETS,
AD-630 424 9B T 66 09 HC$ 1.00 MF$ 0.50

PROGRAMMING LANGUAGES, NUCLEAR RADIATION SPECTROMETERS
ISO - A FORTRAN PROGRAM FOR UTILIZING THE STRONG-FOCUSING PRINCIPLE IN BETA-RAY SPECTROMETER DESIGN,
UCRL-16471 18D U 41 09 HC$ 1.00 MF$ 0.50

PROGRAMMING LANGUAGES, PATTERN RECOGNITION
PATTERN RECOGNITION. I. A COMPUTER PROGRAM FOR GENERATING SYNTHETIC PATTERNS,
N66-12963 9B U 41 09 HC$ 3.00 MF$ 0.75

PROGRAMMING LANGUAGES, RADIOACTIVE ISOTOPES
ISOPOWER - COMPUTER PROGRAM FOR CALCULATING POWER OUTPUT OF SINGLE RADIOISOTOPE OR MIXED RADIONUCLIDE POWER SOURCES,
ORNL-3826 9B U 41 09 HC$ 2.00 MF$ 0.50

PROGRAMMING LANGUAGES, RESONANCE ABSORPTION
RIFF RAFF. A PROGRAM FOR COMPUTATION OF RESONANCE INTEGRALS IN A TWO-REGION CELL,
ANL-7033 18K U 41 09 HC$ 3.00 MF$ 0.75

PROGRAMMING -(COMPUTERS), PROPELLANT GRAINS
APPLICATION OF THE FINITE ELEMENT METHOD TO STRESS ANALYSIS OF SOLID PROPELLANT ROCKET GRAINS, VOLUME I.
AD-474 031 20K U 41 10 HC$10.60 MF$ 0.75

PROGRAMMING(COMPUTERS), LAUNCH VEHICLES(AEROSPACE)
IMPROVED ANALYTIC LONGITUDINAL RESPONSE ANALYSIS FOR AXISYMMETRIC LAUNCH VEHICLES. VOLUME II. COMPUTER PROGRAM DESCRIPTION,
N66-14052 22D U 41 09 HC$ 4.00 MF$ 1.00

PROGRAMMING(COMPUTERS), NUMERICAL ANALYSIS
NUMERICAL SOLUTION OF THE LAGRANGE MULTIPLIER PROBLEM WITH SEVERAL CONSTRAINTS,
ORNL-3846 9B U 41 09 HC$ 2.00 MF$ 0.50

PROGRAMMING(COMPUTERS), COMPILERS
A LARC MASTER CONTROL ROUTINE (MCR4),
AD-630 245 9B T 66 09 HC$ 5.60 MF$ 0.50

PROGRAMMING(COMPUTERS), COMPUTER LOGIC
M-460 PROGRAM NOTES: SOME LISP ROUTINES FOR MANIPULATING AUTOMATA.
AD-630 610 9B T 66 10 HC$ 2.00 MF$ 0.50

PROGRAMMING(COMPUTERS), GAMMA-RAY SPECTROSCOPY
PPA, A COMPUTER PROGRAM FOR PHOTO-PEAK ANALYSIS.
AD-630 389 9B T 66 09 HC$ 3.00 MF$ 0.75

PROGRAMMING(COMPUTERS), HANDBOOKS
MANUAL FOR PREPARING AND INTERPRETING DATA OF PROPELLER PROBLEMS WHICH ARE PROGRAMMED FOR THE HIGH-SPEED COMPUTERS AT THE DAVID TAYLOR MODEL BASIN,
AD-630 683 13J T 66 10 HC$ 4.60 MF$ 0.50

PROGRAMMING(COMPUTERS), HEAT TRANSFER
ADDITIONS AND IMPROVEMENTS TO THE APL IBM 7094 HEAT TRANSFER COMPUTER PROGRAM,
AD-447 652 20M U 41 10 HC$ 6.60

PROGRAMMING(COMPUTERS), MACHINE TRANSLATION
EXPERIMENTAL MACHINE TRANSLATION OF RUSSIAN TO ENGLISH,
PB-169 477 5G U 41 09 HC$13.60 MF$ 1.00

PROGRAMMING(COMPUTERS), NUMERICAL ANALYSIS
ON THE COMPUTATION OF CERTAIN FUNCTIONS OF LARGE ARGUMENT AND PARAMETER.
AD-630 541 12A T 66 10 HC$ 3.00 MF$ 0.75

PROGRAMMING(COMPUTERS), PARTICLE ACCELERATORS
POISSON EQUATION SOLVING PROGRAM,
SLAC-51 9B U 41 10 HC$ 2.00 MF$ 0.50

PROGRAMMING(COMPUTERS), REACTOR COOLANTS
MACABRE,
IDO-17096 18I U 41 10 HC$ 3.00 MF$ 0.50

PROGRAMMING(COMPUTERS), SPECIAL FUNCTIONS(MATHEMATICAL)
CHAD - CODE TO HANDLE ANGULAR DATA,
NAA-SR-11231 9B U 41 10 HC$ 3.00 MF$ 0.75

PROGRAMMING(COMPUTERS), STATISTICAL ANALYSIS
A USER'S GUIDE TO BOMM. A SYSTEM OF PRO- GRAMS FOR THE ANALYSIS OF TIME SERIES,
AD-629 877 9B T 66 09 HC$ 4.00 MF$ 0.75

PROGRAMMING(COMPUTERS), TRACKING
ERROR-BOUND METHODS FOR MULTIPLE-STATION DATA REDUCTION,
AD-629 976 12A T 66 09 HC$ 4.60 MF$ 0.50

PROGRAMMING(COMPUTERS), WEATHER FORECASTING
APPLICATION OF A RESTRUCTURABLE COMPUTER SYSTEM TO NUMERICAL WEATHER PREDICTION COMPUTATIONS,
AD-630 439 4B T 66 09 HC$15.70 MF$ 1.00

PROGRAMMING(COMPUTERS, PHOTOGRAMMETRY
NOTE ON COMPUTER PROGRAM FOR THE SINGLE CAMERA ORIENTATION CASE,
AD-630 766 8B T 66 10 HC$ 1.60 MF$ 0.50

PROJECTILES, ANTIAIRCRAFT AMMUNITION
ROD WARHEAD,
PATENT 3,228,336 19A U 41 10

PROJECTILES, TRAINING AMMUNITION
PROJECTILE,
PATENT 3,236,183 19A U 41 10

PROJECTIVE GEOMETRY, THEORY
PROJECTIVE-SYMMETRIC SPACES,
N66-12969 12A U 41 09 HC$ 1.00 MF$ 0.50

PROPAGATION, VIDEO SIGNALS
PROPAGATION DATA AND SERVICE CALCULATION PROCEDURES USED FOR THE RESCINDED APPENDIX 'A' OF REPORT AND ORDER (DOCKET 11532) RELEASED JUNE 26, 1956,
PB-169 426 17B U 41 09 HC$ 4.60 MF$ 0.50

PROPELLANT GRAINS, STRESSES
APPLICATION OF THE FINITE ELEMENT METHOD TO STRESS ANALYSIS OF SOLID PROPELLANT ROCKET GRAINS, VOLUME I.
AD-474 031 20K U 41 10 HC$10.60 MF$ 0.75

PROPELLANT TANKS, COATINGS
INVESTIGATION OF THIN FILMS AS FLOATING LINERS FOR FIBER-GLASS CRYOGENIC PROPELLANT TANKS,
N66-14707 11I U 41 09 HC$ 1.00 MF$ 0.50

EXPERIMENTAL INVESTIGATION OF GLASS FLAKES AS A LINER FOR FIBER-GLASS CRYOGENIC PROPELLANT TANKS,
N66-14908 11B U 41 09 HC$ 1.00 MF$ 0.50

PROPELLANT TANKS, PLASTIC COATINGS
INVESTIGATION OF BONDED PLASTIC TAPE FOR LINING FILAMENT-WOUND FIBER-GLASS CRYOGENIC PROPELLANT TANKS,
N66-14706 11I U 41 09 HC$ 2.00 MF$ 0.50

PROPELLANT TANKS, TWO-DIMENSIONAL FLOW
ANALYSIS OF TWO-DIMENSIONAL, UNSTEADY FLOW IN A PROPELLANT TANK UNDER LOW GRAVITY BY FINITE DIFFERENCE METHODS,
N66-13562 20D U 41 09 HC$ 1.00 MF$ 0.50

PROPELLANTS, BURNING RATE
METHOD FOR INCREASING THE BURNING RATE OF PROPELLANTS,
PATENT 3,228,338 21B U 41 10

PROPELLANTS, COMBUSTION PRODUCTS
THERMODYNAMIC PROPERTIES OF PROPELLANT COMBUSTION PRODUCTS,
AD-630 634 21B T 66 10 HC$ 1.00 MF$ 0.50

PROPELLANTS, HEATING
RADIANT HEATING OF A SEEDED GAS IN A COAXIAL-FLOW GASEOUS REACTOR,
N66-14705 18J U 41 09 HC$ 1.00 MF$ 0.50

PROPELLANTS, REDUCTION(CHEMISTRY)
METHOD FOR THE CATALYTIC REDUCTION OF B-CYANOETHYL CELLULOSE TO AN AMINOPROPYL CELLULOSE,
PATENT 3,236,834 19A U 41 10

PROPELLER PUMPS, NOISE
THE GENERATION, PROPAGATION, AND REDUCTION OF NOISE IN CIRCULATING WATER PUMPING SYSTEMS,
AD-630 869 13K T 66 10 HC$ 2.00 MF$ 0.50

PROPELLERS (MARINE), SHAFTS
A MECHANIZED METHOD OF COATING PROPELLER SHAFTS WITH A REINFORCED EPOXY RESIN,
AD-629 861 13H T 66 09 HC$ 1.00 MF$ 0.50

PROPELLERS(MARINE), DESIGN
MANUAL FOR PREPARING AND INTERPRETING DATA OF PROPELLER PROBLEMS WHICH ARE PROGRAMMED FOR THE HIGH-SPEED COMPUTERS AT THE DAVID TAYLOR MODEL BASIN,
AD-630 683 13J T 66 10 HC$ 4.60 MF$ 0.50

THE HULL PROPELLER RELATIONSHIP OF THE OCEANOGRAPHIC RESEARCH SHIP T-AGOR,
AD-630 817 13J T 66 10 HC$ 2.00 MF$ 0.50

PROPELLERS(MARINE), FLUID DYNAMIC PROPERTIES
MARINE PROPELLER ASSEMBLY,
PATENT 3,228,477 13J U 41 10

PROPELLERS(MARINE), PERFORMANCE (ENGINEERING)
EFFECTS OF CONFIGURATIONAL CHANGES ON TANDEM PROPELLER PERFORMANCE. PHASE IV.
AD-630 005 13J T 66 09 HC$ 4.00 MF$ 1.00

PROPULSION, SCIENTIFIC RESEARCH
TASK R.
AD-275 325 21B U 41 10 HC$ 3.60

AD-295 750 21B U 41 10 HC$ 3.60

PROSTHETICS, HANDS
DORRANCE PROSTHETIC HANDS-LABORATORY EVALUATION.
AD-629 970 6E T 66 09 HC$ 1.60 MF$ 0.50

PROTECTIVE TREATMENTS, WOOD
WOOD PRESERVATION AROUND THE HOME AND FARM,
PB-169 638 11L U 41 10 HC$ 1.00 MF$ 0.50

PROTEINS, BIOSYNTHESIS
KINETICS OF PROTEIN SYNTHESIS BY POLYRIBOSOMES,
AD-629 848 6A T 66 09

THE INCORPORATION OF TRITIUM FROM THYMIDINE INTO PROTEINS OF THE MOUSE,
AD-630 331 6A T 66 09 HC$ 2.60 MF$ 0.50

PROTEINS, CYTOCHEMISTRY
A SIMPLE METHOD FOR THE DETERMINATION OF WATER CONTENT AND PROTEIN CONCENTRATION IN SUBCELLULAR ELEMENTS,
AD-630 957 6A T 66 10

PROTON BOMBARDMENT, GAS IONIZATION
THE IONIZATION OF INERT GAS ATOMS BY ELECTRON AND PROTON IMPACT AT HIGH ENERGIES,
AD-630 934 7D T 66 10

PROTON REACTIONS, ZIRCONIUM
(P,N) REACTION ON ZR91 FOLLOWED BY PROTON EMISSION,
AD-630 032 20H T 66 09 HC$ 1.60 MF$ 0.50

PROTON SCATTERING, NUCLEAR CROSS SECTIONS
NEUTRON-PROTON DIFFERENTIAL CROSS SECTION AT 129 AND 150 MEV,
AD-631 012 20H T 66 10

PROTONS, SOLAR RADIATION
DETERMINATION OF SOLAR PROTON ENERGY SPECTRUMS BELOW 100 MEV FROM GROUND-BASED MEASUREMENTS,
AD-630 182 4A T 66 09 HC$ 1.00 MF$ 0.50

PROTONS, VAN ALLEN RADIATION BELT
AN ENVIRONMENTAL MODEL FOR VAN ALLEN BELT PROTONS,
N66-13126 4A U 41 09 HC$ 2.00 MF$ 0.50

PSYCHIATRY, SPACE CREWS
PSYCHIATRIC SELECTION OF CANDIDATES FOR SPACE MISSIONS,
AD-630 477 5I T 66 09

PSYCHO METRICS, ANALYSIS OF VARIANCE
COMPARISON OF CATEGORY AND MAGNITUDE SCALES OF TECHNICAL SKILLS,
AD-630 170 5I T 66 09

PSYCHO METRICS, VISUAL SIGNALS
EXPERIMENTS ON THE EFFECTS OF INPUT VARIABLES ON MULTI-TARGET ALPHABETIC DISPLAYS,
AD-630 333 5J T 66 09 HC$ 2.00 MF$ 0.50

PSYCHOLOGICAL WARFARE, BIBLIOGRAPHIES
BIBLIOGRAPHY ON COUNTERINSURGENCY, UNCONVENTIONAL WARFARE, AND PSYCHOLOGICAL OPERATIONS: SUPPLEMENT NO. 8,
AD-630 774 15G T 66 10 HC$ 9.60 MF$ 0.75

PSYCHOLOGY, MATHEMATICAL PREDICTION
PSYCHOLOGICAL PREDICTIONS BASED ON BAYESIAN PROBABILITIES.
AD-630 314 5J T 66 09 HC$ 2.00 MF$ 0.50

PSYCHOLOGY, WORD ASSOCIATION
AN AXIOMATIC CONCEPTUAL FRAMEWORK FOR ASSOCIATION THEORY.
AD-630 429 5J T 66 09 HC$ 4.00 MF$ 1.00

PSYCHOMETRICS, ANXIETY
THE EFFECT OF NON-SCORED ITEMS AND RETESTING ON THE TAYLOR MANIFEST ANXIETY SCALE.
AD-467 964 5J U 41 10 HC$ 1.00 MF$ 0.50

PSYCHOMETRICS, NOMOGRAPHS
A GRAPHIC METHOD FOR DETERMINING THE MEAN DIFFERENCE REQUIRED FOR SIGNIFICANCE IN BISERIAL ITEM ANALYSIS.
AD-467 965 5J U 41 10 HC$ 1.00 MF$ 0.50

PSYCHOMETRICS, STRESS(PSYCHOLOGY)
PLANNED AND INTRINSIC VARIABLES IN THE SOCIAL PSYCHOLOGICAL EXPERIMENT.
AD-630 951 5J T 66 10 HC$ 1.00 MF$ 0.50

PSYCHOPHYSIOLOGY, DISTRIBUTION FUNCTIONS
PSYCHOPHYSICAL METHODOLOGY III. DEDUCTIONS FROM THE ASSUMPTION THAT A CUMULATIVE SYMMETRICAL DISTRIBUTION UNDERLIES THRESHOLD PHENOMENA,
AD-630 391 5J T 66 09 HC$ 1.60 MF$ 0.50

PSYCHOPHYSIOLOGY, SPEECH
CHANGES IN PSYCHOPHYSIOLOGICAL RESPONSES PRODUCED BY DELAYED SPEECH FEEDBACK.
AD-468 311 5J U 41 10 HC$ 1.00 MF$ 0.50

PUBLIC ADDRESS SYSTEMS, SHIPBORNE
A SURVEY OF SOLID STATE D.C. POWER SUPPLY CONFIGURATIONS FOR HIGH POWER.
AD-630 567 17B T 66 10 HC$ 1.00 MF$ 0.50

PUBLIC HEALTH, IONIZATION
THEORY AND PRACTICE OF IONIZED-AIR THERAPY,
AD-630 415 6E T 66 09 HC$14.60 MF$ 1.00

PUBLIC OPINION, JAPAN
SOME REACTIONS OF JAPANESE UNIVERSITY STUDENTS TO PERSUASIVE COMMUNICATIONS,
AD-630 177 5J T 66 09

PULSE CODE MODULATION, TELEVISION COMMUNICATION SYSTEMS
PCM PICTURE TRANSMISSION,
AD-630 496 17B T 66 09

PULSE MODULATION, AMPLITUDE MODULA TION
GEOMETRICAL INTERPRETATION AND GRAPHICAL SOLUTION TO MINIMUM ENERGY DISCRETE-DATA CONTROL.
N66-13558 9C U 41 09 HC$ 1.00 MF$ 0.50

PULSE RATE, AGING(PHYSIOLOGY)
HEART RATE OF BLACK BEARS IN RELATION TO AGE.
AD-630 133 6C T 66 09 HC$ 1.10 MF$ 0.50

PULSE RATE, RECORDING SYSTEMS
IMPROVEMENTS IN RECORDING HEART RATE DURING EXERCISE IN THE PERSPIRING SUBJECT.
AD-631 142 6E T 66 10 HC$ 2.60 MF$ 0.50

PULSEJET ENGINES, COMBUSTION CHAMBERS
INVESTIGATION OF A RESONANT COMBUSTOR CONCEPT.
AD-629 951 21E T 66 09 HC$ 6.60 MF$ 0.75

PUMPING(OPTICAL), STATE-OF-THE-ART REVIEWS
LASERS,
AD-462 245 20E U 41 10 HC$ 4.60

PUMPING(OPTICAL), ULTRAVIOLET RADIATION
EFFECT OF ULTRAVIOLET PUMPING ON RUBY LASER OUTPUT,
AD-630 968 20E T 66 10

PUMPS, NOISE
THE GENERATION, PROPAGATION, AND REDUCTION OF NOISE IN CIRCULATING WATER PUMPING SYSTEMS.
AD-630 869 13K T 66 10 HC$ 2.00 MF$ 0.50

PYROLYTIC GRAPHITE, BONDING
BONDING OF A PYROLYTIC GRAPHITE HYPERVELOCITY IMPACT TARGET.
N66-13127 13H U 41 09 HC$ 1.00 MF$ 0.50

QUADRATIC PROGRAMMING, ALGORITHMS
EXPERIMENTAL METHODS IN QUADRATIC PROGRAMMING.
AD-629 894 12B T 66 09 HC$ 2.00 MF$ 0.50

THE BOUNDED VARIABLE PROBLEM-AN APPLICATION OF THE DUAL METHOD FOR QUADRATIC PROGRAMMING,
AD-631 077 12B T 66 10

QUALITY CONTROL, COSTS
QUALITY COST ANALYSIS IMPLEMENTATION HANDBOOK,
AD-631 090 14A T 66 10 HC$ 3.00 MF$ 0.50

QUALITY CONTROL, INDUSTRIAL PRODUCTION
STATISTICAL CONTROL OF A NORMAL PROCESS,
N66-12803 13H U 41 09 HC$ 1.00 MF$ 0.50

QUALITY CONTROL, PIEZOELECTRIC TRANSDUCERS
QUALITY CONTROL FOR TRANSDUCER CERAMICS.
AD-630 490 13H T 66 09 HC$ 1.00 MF$ 0.50

QUANTITATIVE ANALYSIS, COPPER ALLOYS
PROCEDURES FOR THE CHEMICAL ANALYSIS OF COPPER-BASE ALLOYS.
AD-631 067 7B T 66 10 HC$ 1.00 MF$ 0.50

QUANTUM MECHANICS, ATOMIC ENERGY LEVELS
ON A RECENT PAPER OF GAY.
AD-630 035 20J T 66 09 HC$ 1.10 MF$ 0.50

QUANTUM MECHANICS, ELEMENTARY PARTICLES
REMARKS ON THE GROUP STRUCTURE OF CORBEN'S WAVE EQUATIONS,
AD-630 445 20J T 66 09

QUANTUM MECHANICS, EQUATIONS
GENERALIZED GOLDSTONE THEOREM,
AD-630 140 20J T 66 09

PROOF OF THE MANLEY-ROWE RELATIONS FROM QUANTUM CONSIDERATIONS,
AD-631 124 12A T 66 10

QUANTUM MECHANICS, GASES
SUPPRESSION AT HIGH TEMPERATURE OF EFFECTS DUE TO STATISTICS IN THE SECOND VIRIAL COEFFICIENT OF A REAL GAS,
AD-629 871 20J T 66 09

QUANTUM MECHANICS, INTEGRALS
ON THE FEYNMAN INTEGRAL IN DYNAMICS.
AD-630 748 20J T 66 10 HC$ 1.60 MF$ 0.50

QUANTUM MECHANICS, INVARIANCE
UNITARY SYMMETRY VIEWED AS A BROKEN ROTATIONAL INVARIANCE,
AD-630 321 20J T 66 09

QUANTUM MECHANICS, ITERATIVE METHODS
ON ITERATIVE SOLUTIONS FOR QUANTUM-MECHANICAL BOUND STATES.
AD-630 542 20J T 66 10 HC$ 2.00 MF$ 0.50

QUANTUM MECHANICS, MATHEMATICAL LOGIC
BOOLEAN EMBEDDINGS OF ORTHOMODULAR SETS AND QUANTUM LOGIC,
AD-630 096 12A T 66 09

QUANTUM MECHANICS, NUCLEAR CROSS SECTIONS
TEST FOR THE BORN-APPROXIMATION MODEL OF THE PEIERLS MECHANISM,
AD-630 371 20H T 66 09

QUANTUM MECHANICS, PAIR PRODUCTION
ANALYTIC PROPERTIES OF THE PARTIAL WAVE AMPLITUDES FOR PRODUCTION PROCESSES IN THE COMPLEX J-PLANE,
AD-630 307 20H T 66 09

PRODUCTION AMPLITUDES. II. PARTIAL-WAVE DECOMPOSITION AND ANALYTIC CONTINUATION IN TOTAL ANGULAR MOMENTUM,
AD-630 446 20H T 66 09

QUANTUM MECHANICS, SUPERCONDUCTORS
WEAK TIME DEPENDENCE IN PURE SEMICONDUCTORS.
AD-629 821 20L T 66 09

QUANTUM STATISTICS, ELECTRODES
QUANTUM CHEMISTRY OF ELECTRODE PROCESSES. I. GENERAL RELATIONS FOR ELECTRON EXCHANGE BETWEEN ELECTRODE AND ELECTROACTIVE SPECIES UNDER EQUILIBRIUM AND NONEQUILIBRIUM CONDITIONS,
AD-630 055 7D T 66 09

QUANTUM STATISTICS, GROUPS(MATHE MATICS)
ANALYTICITY, COMPLEX AND QUATERNIONIC LORENTZ GROUPS AND INTERNAL QUANTUM NUMBERS,
AD-630 224 20J T 66 09

QUARTZ RESONATORS, MANUFACTURING METHODS
PRODUCTION ENGINEERING MEASURE: MANUFACTURE OF GLASS HOLDER CRYSTAL UNITS TYPE CR(XM-66).
AD-630 800 9A T 66 10 HC$ 2.00 MF$ 0.50

QUARTZ, CRYSTAL FILTERS
PEM QUARTZ CRYSTAL UNITS, FILTER LOW FREQUENCY 1 MC TO 10 MC. TYPES CR-(XM-49)/U THRU CR-(XM-52)/U.
AD-629 913 9A T 66 09 HC$ 1.00 MF$ 0.50

QUARTZ, MICROMINIATURIZATION(ELECTRONICS
PRODUCTION ENGINEERING MEASURE: RELIABLE QUARTZ CRYSTAL MICROELEMENTS, TYPES EL-MCR01 (X-1) AND EL-MCR02 (X-1).
AD-630 710 9A T 66 10 HC$ 2.00 MF$ 0.50

QUEUEING THEORY, COMMUNICATION SYSTEMS
ADAPTIVE ROUTING TECHNIQUES FOR DISTRIBUTED COMMUNICATIONS SYSTEMS,
AD-630 271 17B T 66 09 HC$ 9.60 MF$ 0.75

A COMPUTER SIMULATION OF ADAPTIVE ROUTING TECHNIQUES FOR DISTRIBUTED COMMUNICATIONS SYSTEMS,
AD-630 301 17B T 66 09 HC$ 2.00 MF$ 0.50

QUEUEING THEORY, DIFFERENTIAL GEOMETRY
A CONSERVATION LAW FOR A WIDE CLASS OF QUEUEING DISCIPLINES,
AD-631 082 12B T 66 10

RADAR ANTENNAS, PHASED ARRAYS
PERFORMANCE CHARACTERISTICS OF RADAR PHASED ARRAYS,
AD-630 819 17I T 66 10 HC$ 2.00 MF$ 0.50

RADAR ANTENNAS, SPACE SURVEILLANCE SYSTEMS
RADIO PHYSICS AND ASTRONOMY.
AD-629 923 17I T 66 09 HC$ 4.00 MF$ 0.75

RADAR ANTENNAS, STEERING
HAYSTACK POINTING SYSTEM: AUXILIARY REAL-TIME PROGRAMS.
AD-629 936 17I T 66 09 HC$14.60 MF$ 1.00

HAYSTACK POINTING SYSTEM: PERIPHERAL PROGRAMS.
AD-630 193 17I T 66 09 HC$18.50 MF$ 1.00

HAYSTACK POINTING SYSTEM: CONTROL STRUCTURE.
AD-631 106 17I T 66 10 HC$ 5.00 MF$ 1.00

RADAR DUPLEXERS, SIDE-LOOKING RADAR
DUPLEXER FOR SIDE-LOOKING RADAR.
AD-454 808 17I U 41 10 HC$ 3.60

RADAR ECHO AREAS, CLOUDS
RADAR ECHO CHARACTERISTICS OF CLOUDS.
AD-630 675 4B T 66 10 HC$ 1.00 MF$ 0.50

RADAR EQUIPMENT, DISPLAY SYSTEMS
POLAR VIDEO GATING OF RADAR AND IFF DISPLAYS USING CARTESIAN CONTROL.
AD-630 202 17I T 66 09 HC$ 1.00 MF$ 0.50

RADAR EQUIPMENT, MICROMINIATURIZATION(ELECTRONICS)
MIRAGE (MICROELECTRONIC RADAR INDICATOR FOR GROUND EQUIPMENT).
AD-631 180 17I T 66 10 HC$ 3.00 MF$ 0.75

RADAR EQUIPMENT, MONITORS
MONITOR DEVICE FOR MICRO-WAVE PHASE SHIFTERS UTILIZING TWO HYBRID COUPLERS.
PATENT 3,229,205 9C U 41 10

RADAR RECEIVERS, LOGARITHMIC AMPLIFIERS
STUDIES OF LOGARITHMIC RADAR RECEIVER USING PULSE-LENGTH DISCRIMINATION,
AD-630 966 17I T 66 10

RADAR REFLECTIONS, ATMOSPHERIC SOUNDING
IONOSPHERIC PARAMETERS DERIVED FROM ECHO II RADAR RETURNS DURING SOLAR MINIMUM CONDITIONS.
AD-630 142 4A T 66 09 HC$ 1.00 MF$ 0.50

RADAR SCANNING, CLEAR AIR TURBULENCE
PASSIVE-REFLECTOR EXPERIMENTS IN RADAR MEASUREMENT OF THE TURBULENCE OF THE CLEAR SKY.
AD-630 553 4B T 66 10 HC$ 1.00 MF$ 0.50

RADAR SCANNING, FOG
POSSIBILITY OF RADAR DETERMINATION OF VISIBILITY IN FOGS.
AD-630 554 4B T 66 10 HC$ 1.00 MF$ 0.50

RADAR TRACKING, METEOROLOGICAL BALLOONS
DEVELOPMENT OF METHODS TO DETERMINE WINDS, DENSITY, PRESSURE, AND TEMPERATURE FROM THE ROBIN FALLING BALLOON.
AD-630 200 4B T 66 09 HC$ 5.00 MF$ 1.00

AD-630 200 4B T 66 09 HC$ 5.00 MF$ 1.00

RADAR TRACKING, MULTIPLE OPERATION
SOME PROBLEMS OF RADAR TRACKING OF MULTIPLE TARGETS.
AD-630 556 17I T 66 10 HC$ 1.00 MF$ 0.50

RADAR, SCIENTIFIC RESEARCH
GENERAL RESEARCH.
AD-630 918 5A T 66 10 HC$ 6.60 MF$ 0.75

RADIATION DAMAGE, COPPER
NEUTRON IRRADIATION AND THE YIELD SURFACES OF COPPER.
AD-630 923 11F T 66 10 HC$ 8.60 MF$ 0.75

RADIATION DAMAGE, ELECTRONIC EQUIP MENT
STUDY OF EFFECT OF HIGH-INTENSITY PULSED NUCLEAR RADIATION ON ELECTRONICS PARTS AND MATERIALS (SCORRE).
AD-461 486 9A U 41 09 HC$ 4.60

RADIATION DAMAGE, INTEGRATED CIRCUITS
RADIATION EFFECTS ON INSULATED GATE FIELD EFFECT (MOS) INTEGRATED CIRCUITS.
AD-630 344 9A T 66 09 HC$ 6.60 MF$ 0.75

RADIATION DAMAGE, IRON ALLOYS
INFLUENCE OF NITROGEN IN IRON AND STEEL UNDER FAST NEUTRON IRRADIATION.
EURAEC-1238 11F U 41 09 HC$ 2.00 MF$ 0.50

RADIATION DAMAGE, MICROMINIATURI ZATION(ELECTRONICS)
A SURVEY OF TRANSIENT RADIATION-EFFECT STUDIES ON MICROELECTRONICS.
AD464 309 18H U 41 09 HC$ 4.00

RADIATION DAMAGE, POLYMERS
POLY(IMIDAZOPYRROLONES) - A NEW CLASS OF RADIATION RESISTANT POLYMERS,
N66-13499 7C U 41 09 HC$ 1.00 MF$ 0.50

RADIATION DAMAGE, PRESSURE VESSELS
RADIATION DAMAGE SURVEILLANCE OF POWER REACTOR PRESSURE VESSELS.
AD-629 881 18J T 66 09 HC$ 1.00 MF$ 0.50

RADIATION DAMAGE, REACTOR MATERIALS
IRRADIATION EFFECTS ON REACTOR STRUCTURAL MATERIALS.
AD-630 937 8J T 66 10 HC$ 4.60 MF$ 0.50

RADIATION DAMAGE, SEMI CONDUCTORS
RADIATION EFFECTS ON (MONOLITHIC) MICROELECTRONIC CIRCUITS.
AD-629 948 9A T 66 09 HC$ 2.00 MF$ 0.50

RADIATION DAMAGE, SOLAR CELLS
RADIATION EFFECTS ON SILICON SOLAR CELLS.
N66-15012 10A U 41 10 HC$ 4.00 MF$ 1.00

RADIATION EFFECTS, BONE
AGE AND DOSE DEPENDENCE OF BONE GROWTH RETARDATION INDUCED BY X IRRADIATION,
AD-468 979 6R U 41 10 HC$ 2.00 MF$ 0.50

RADIATION EFFECTS, CELL DIVISION
EFFECTS OF MIXED REACTOR RADIATION ON CELL DIVISION OF SYNCHRONIZED TETRAHYMENA PYRIFORMIS,
AD-468 593 6R U 41 10 HC$ 1.00 MF$ 0.50

RADIATION EFFECTS, ENZYMES
MOUSE THYMOCYTE BETA-GLUCURONIDASE ACTIVITY AFTER WHOLE-BODY X-IRRADIATION,
AD-468 695 6R U 41 10 HC$ 1.00 MF$ 0.50

RADIATION EFFECTS, GLUCOSE
FUNDAMENTAL STUDIES OF RADIATION SOURCE DOSIMETRY AND THE EFFECTS OF IONIZING RADIATION ON SUGARS.
AD-265 460 6H U 41 10 HC$ 1.10

RADIATION EFFECTS, MORTALITY RATES
THIRTY-DAY MORTALITY OF ACUTELY X-IRRADIATED GERMFREE ICR MICE,
ORNL-P-81 6R U 41 09 HC$ 1.00 MF$ 0.50

RADIATION EFFECTS, NERVE CELLS
THE EFFECT OF X-RAYS ON THE ACTIVITY OF NEURONS IN THE RAT OLFACTORY BULB,
AD-468 696 6R U 41 10 HC$ 2.00 MF$ 0.50

RESPONSES OF SINGLE NEURONS IN THE OLFACTORY BULBS OF RABBITS, DOGS, AND CATS TO X RAYS,
AD-630 323 6R T 66 09 HC$ 1.60 MF$ 0.50

RADIATION EFFECTS, STOMACH
THE EFFECT IN STOMACH OF IONIZING RADIATION ON ACID SECRETION, POTENTIAL, ADENOSINE TRIPHOSPHATE AND PHOSPHOCREATINE IN COM- PARISON TO SPLEEN,
AD-630 390 6R T 66 09 HC$ 2.60 MF$ 0.50

RADIATION HAZARDS, REACTOR ACCIDENTS
A SUMMARY OF INDUSTRIAL ACCIDENTS IN USAEC FACILITIES, 1963-1964.

TID-5360 18H U 41 09 HC$ 3.00 MF$ 0.50

RADIATION INJURIES, LUNGS
AN ULTRASTRUCTURAL STUDY OF THE DEVELOPMENT OF RADIATION INJURY IN THE LUNG.
AD-630 870 6R T 66 10 HC$ 2.60 MF$ 0.50

RADIATION MEASUREMENT SYSTEMS, RADIOBIOLOGY
THE ROCKY FLATS BODY COUNTER.
RFP-462 6R U 41 09 HC$ 1.00 MF$ 0.50

RADIATION MEASUREMENT SYSTEMS, INTEGRATORS
A 'LEAKY' INTEGRATOR CIRCUIT WITH AUTOMATIC SWITCHING.
AD-630 239 18D T 66 09

RADIATION MONITORS, TESTS
DETERMINATION OF RELATIVE EFFICIENCIES FOR A MULTIDETECTOR SYSTEM.
AD-631 175 18D T 66 10 HC$ 1.60 MF$ 0.50

RADIATION SICKNESS, MICE
THIRTY-DAY MORTALITY OF ACUTELY X-IRRADIATED GERMFREE ICR MICE.
ORNL-P-81 6R U 41 09 HC$ 1.00 MF$ 0.50

RADIATION(HEAT TRANSFER), ATMOSPHERIC TEMPERATURE
SOME RESULTS OF CALCULATION OF THE RADIATIONAL VARIATION OF TEMPERATURE IN THE ATMOSPHERIC BOUNDARY LAYER.
AD-630 552 4B T 66 10 HC$ 1.00 MF$ 0.50

RADIO ASTRONOMY, EXTRATERRESTRIAL RADIO WAVES
LONG WAVELENGTH INVESTIGATIONS OF SOLAR, PLANETARY, AND GALAXY EMISSIONS.
N66-13501 3B U 41 09 HC$ 1.00 MF$ 0.50

RADIO ASTRONOMY, GALAXIES
THE DETERMINATION OF THE ACCURATE POSITIONS OF RADIO SOURCES BY THE LUNAR OCCULTATION TECHNIQUE. OBSERVATIONS OF GALACTIC AND EXTRA-GALACTIC EMISSION AT 408 MC/S.
AD-630 481 3B T 66 09 HC$ 1.10 MF$ 0.50

AD-630 482 3B T 66 09 HC$ 1.10 MF$ 0.50

RADIO ASTRONOMY, INSTRUMENTATION
RADIO PHYSICS AND ASTRONOMY.
AD-629 923 17I T 66 09 HC$ 4.00 MF$ 0.75

RADIO ASTRONOMY, JUPITER(PLANET)
STUDY OF ABSORPTION AND REFRACTION CHANGES IN RADIATION EMANATING FROM JUPITER AND RADIO STARS.
AD-630 112 3B T 66 09 HC$ 6.60 MF$ 0.75

RADIO ASTRONOMY, SOLAR RADIATION
CATALOG OF HIGH ENERGY SOLAR PARTICLE EVENTS, 1957-1961.
AD-630 255 3B T 66 09 HC$ 1.00 MF$ 0.50

RADIO ASTRONOMY, SPECTRUM ANALYZERS
RADIO ASTRONOMY SIGNAL SPECTRUM ANALYSER.
N66-13839 9F U 41 09 HC$ 2.00 MF$ 0.50

RADIO ASTRONOMY, USSR
THE MEASUREMENT OF THE FLUXES OF DISCRETE SOURCES OF COSMIC RADIO EMISSION AT FREQUENCIES BELOW 40 MHZ.
AD-630 558 3B T 66 10 HC$ 1.00 MF$ 0.50

RADIO BEACONS, GEOPHYSICS
ECCENTRIC GEOPHYSICAL-OBSERVATORY SATELLITE S-49 WITH INTERPRETATION OF THE RADIO-BEACON EXPERIMENT.
N66-12993 4A U 41 09 HC$ 1.00 MF$ 0.75

RADIO BEACONS, RESCUE BEACONS
AN/URT-21 LOCATOR BEACON JUMP TEST AND RECEPTION DISTANCES.
AD-630 190 6B T 66 09 HC$ 2.60 MF$ 0.50

RADIO COMMUNICATION SYSTEMS, IONOSPHERIC PROPAGATION
HF COMMUNICATION EFFECTS: PROPAGATION IN THE HIGH-LATITUDE IONOSPHERE.
AD-631 170 20N T 66 10 HC$ 3.00 MF$ 0.75

RADIO COMMUNICATION SYSTEMS, PERIODICALS
BULLETIN OF THE RADIO AND ELECTRICAL ENGINEERING DIVISION.
AD-630 812 17B T 66 10

RADIO COMMUNICATION SYSTEMS, TACTICAL WARFARE
FREQUENCY ASSIGNMENT STUDIES.
AD-630 562 17B T 66 10 HC$11.60 MF$ 0.75

RADIO EQUIPMENT, ELECTRONICS
ON THE THRESHOLD OF GREAT DISCOVERIES.
AD-630 264 9C T 66 09 HC$ 1.60 MF$ 0.50

RADIO EQUIPMENT, RELIABILITY(ELECTRONICS)
C-6365/ARC-34C RADIO SET CONTROL.
AD-630 865 14D T 66 10 HC$ 2.00 MF$ 0.50

RADIO NAVIGATION, ARCTIC REGIONS
AN EXPERIMENT IN ARCTIC VLF NAVIGATION.
AD-630 786 17G T 66 10 HC$ 2.00 MF$ 0.50

RADIO NAVIGATION, GLOBAL COMMUNICATION SYSTEMS
OMEGA, A WORLD-WIDE NAVIGATIONAL SYSTEM.
AD-630 900 17G T 66 10 HC$ 7.00 MF$ 1.75

RADIO NAVIGATION, HYDROGRAPHIC SURVEYING
OMEGA IN THE ATLANTIC (1963-1965): IN-PORT MEASUREMENTS FROM HMS VIDAL AND HR. MS. SNELLIUS ON OCEANOGRAPHIC SURVEY NAVADO.
AD-631 008 17G T 66 10 HC$ 2.60 MF$ 0.50

RADIO NAVIGATION, PERFORMANCE(ENGINEERING)
SUMMARY OF THE FLIGHT PERFORMANCE OF THE NRL MARK I AND MARK II OMEGA AIRCRAFT RECEIVERS.
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RADIO RECEIVERS, AIRBORNE
SUMMARY OF THE FLIGHT PERFORMANCE OF THE NRL MARK I AND MARK II OMEGA AIRCRAFT RECEIVERS.
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RADIO RECEIVERS, INTEGRATED CIRCUITS
SMALL SIGNAL FUNCTIONAL CIRCUITS.
AD-630 690 9A T 66 10 HC$ 3.00 MF$ 0.75

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RADIO RECEIVERS, TIME SIGNALS
MINATURIZED RECEIVER FOR LOW ACCURACY TIME RECOVERY.
AD-462 618 17B U 41 10 HC$ 4.60

RADIO SIGNALS, NUCLEAR EXPLOSIONS
NUMERICAL PROGRAMS FOR SOLVING HYPERBOLIC SYSTEMS BY THE METHOD OF CHARACTERISTICS: RADIO EMISSION FROM A NUCLEAR EXPLOSION: PART I.
AD-630 644 18C T 66 10 HC$ 5.60 MF$ 0.50

RADIO SIGNALS, POLARIZATION
POLARIZATION VARIATION OF SATELLITE-EMITTED RADIO SIGNALS.
AD-630 192 20N T 66 09 HC$ 4.60 MF$ 0.50

RADIO TELESCOPES, STEERING
HAYSTACK POINTING SYSTEM: AUXILIARY REAL-TIME PROGRAMS.
AD-629 936 17I T 66 09 HC$14.60 MF$ 1.00

HAYSTACK POINTING SYSTEM: PERIPHERAL PROGRAMS.
AD-630 193 17I T 66 09 HC$18.50 MF$ 1.00

HAYSTACK POINTING SYSTEM: CONTROL STRUCTURE.
AD-631 106 17I T 66 10 HC$ 5.00 MF$ 1.00

RADIO TRANSMISSION, GLIDE PATH SYSTEMS
INSTALLATION CRITERIA FOR CAPTURE EFFECT GLIDE SLOPE.
PB-169 314 17G U 41 10 HC$ 2.00 MF$ 0.50

RADIO WAVES, ABSORPTION
AURORAL ZONE ELECTRON FLUX AND ITS RELATION TO BROADBEAM RADIOWAVE ABSORPTION.
AD-631 011 4A T 66 10

RADIO WAVES, IONOSPHERIC PROPAGATION
DIRECT SOUNDING STUDIES OF THE IONOSPHERE.
AD-631 061 4A T 66 10 HC$ 2.00 MF$ 0.50

RADIO WAVES, PROPAGATION
RESEARCH ON PROPAGATION OF HIGH POWER WAVES IN IONIZED MEDIA.
AD-631 047 20N T 66 10 HC$ 1.10 MF$ 0.50

RADIO PATH LENGTH STABILITY OF GROUND-TO-GROUND MICROWAVE LINKS.
C13.46:219 20N U 41 10 MF$ 0.75

PROPAGATION DATA AND SERVICE CALCULATION PROCEDURES USED FOR THE RESCINDED APPENDIX 'A' OF REPORT AND ORDER (DOCKET 11532) RELEASED JUNE 26, 1956.
PB-169 426 17B U 41 09 HC$ 4.60 MF$ 0.50

RADIO WAVES, SCATTERING
DETERMINATION OF RMS HEIGHT OF A ROUGH SURFACE USING RADAR WAVES.
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RADIOACTIVATION ANALYSIS, REVIEWS
RADIOCHEMICAL ANALYSIS: ACTIVATION ANALYSIS, INSTRUMENTATION, RADIATION TECHNIQUES, AND RADIOISOTOPE TECHNIQUES, JULY 1963 TO JUNE 1964.
C13.46:248 7E U 41 09 MF$ 0.75

RADIOACTIVE DECAY, ZIRCONIUM
(P,N) REACTION ON ZR91 FOLLOWED BY PROTON EMISSION.
AD-630 032 20H T 66 09 HC$ 1.60 MF$ 0.50

RADIOACTIVE ISOTOPES, CARBON
14 C MEASUREMENTS IN THE ATMOSPHERE.
HASL-166 18H U 41 09 HC$ 2.50 MF$ 0.75

RADIOACTIVE ISOTOPES, ENERGY CON VERSION
ISOPOWER - COMPUTER PROGRAM FOR CALCULATING POWER OUTPUT OF SINGLE RADIOISOTOPE OR MIXED RADIONUCLIDE POWER SOURCES.
ORNL-3826 9B U 41 09 HC$ 2.00 MF$ 0.50

RADIOACTIVE ISOTOPES, REVIEWS
RADIOCHEMICAL ANALYSIS: ACTIVATION ANALYSIS, INSTRUMENTATION, RADIATION TECHNIQUES, AND RADIOISOTOPE TECHNIQUES, JULY 1963 TO JUNE 1964.
C13.46:248 7E U 41 09 MF$ 0.75

RADIOACTIVE ISOTOPES, SHIELDING
GAMMA SHIELDING REQUIREMENTS FOR 238 PU AND 210 PO (REVISED).
MLM-1315 18F U 41 09 HC$ 1.00 MF$ 0.50

RADIOACTIVE ISOTOPES, STANDARDS
STANDARD REFERENCE MATERIALS: HALF LIVES OF MATERIALS USED IN THE PREPARATION OF STANDARD REFERENCE MATERIALS OF NINETEEN RADIOACTIVE NUCLIDES ISSUED BY THE NATIONAL BUREAU OF STANDARDS.
C13.10-260-9 18H U 41 10 MF$ 0.50

RADIOACTIVITY, BIOLOGY
HANFORD BIOLOGY RESEARCH.
BNWL-122 6R U 41 09 HC$ 6.00 MF$ 1.25

RADIOACTIVITY, ENVIRONMENT
ENVIRONMENTAL RADIOACTIVE BACKGROUND SURVEY FOR THE AIR FORCE NUCLEAR ENGINEERING TEST FACILITY.
AD-630 605 18H T 66 10 HC$ 6.60 MF$ 0.75

RADIOACTIVITY, SITE SELECTION
CONTAINMENT VESSEL LEAK RATE CRITERIA FOR A PROPOSED CANEL NUCLEAR TEST FACILITY,
CNLM-5977 18D U 41 09 HC$ 1.00 MF$ 0.50

RADIOBIOLOGY, HEMOPOIETIC SYSTEM
ENDOTOXIN-PROTECTION OF MICE. THE RELATION- SHIP TO COLONY-FORMING UNITS,
AD-630 338 6R T 66 09 HC$ 4.60 MF$ 0.50

RADIOBIOLOGY, LABORATORY ANIMALS
RESEARCH IN RADIOBIOLOGY. ANNUAL REPORT OF WORK IN PROGRESS ON THE CHRONIC TOXICITY PROGRAM.
COO-119-231 6R U 41 09 HC$ 5.00 MF$ 1.00

RADIOBIOLOGY, LASERS
TPM-2: EFFECTS OF LASER IRRADIATION ON THE SKIN,
AD-629 962 6R T 66 09

RADIOBIOLOGY, MEDICAL RESEARCH
ANNUAL REPORT ON ACTIVITIES.
ABCC-60-61 6R U 41 09 HC$ 3.00 MF$ 0.75

RADIOBIOLOGY, MICROWAVES
THE EFFECT OF MICROWAVES ON THE FUNCTIONAL STATE OF NERVE,
AD-629 865 6R T 66 09 HC$ 1.00 MF$ 0.50

RADIOBIOLOGY, RADIATION EFFECTS
HANFORD BIOLOGY RESEARCH.
BNWL-122 6R U 41 09 HC$ 6.00 MF$ 1.25

RADIOCHEMISTRY, CHEMICAL ANALYSIS
RADIOCHEMICAL ANALYSIS: ACTIVATION ANALYSIS, INSTRUMENTATION, RADIATION TECHNIQUES, AND RADIOISOTOPE TECHNIQUES, JULY 1963 TO JUNE 1964.
C13.46:248 7E U 41 09 MF$ 0.75

RADIOFREQUENCY INTERFERENCE, MEASUREMENT
ELECTRONIC EQUIPMENT INTERFERENCE CHARACTERISTICS-COMMUNICATION TYPE.
AD-630 895 20N T 66 10 HC$ 6.60 MF$ 0.75

QUARTERLY RADIO NOISE DATA, MARCH, APRIL, MAY, 1963.
C13.46:18-18 4A U 41 10 MF$ 0.75

RADIOFREQUENCY PULSES, LASERS
THEORY OF DOUBLE RESONANCE IN GASEOUS LASERS,
AD-630 953 20E T 66 10

RADIOFREQUENCY, POWER METERS
SUMMATION BRIDGE AN/URM-23 PRD 14H.
PB-169 390 9C U 41 10 HC$ 1.60 MF$ 0.50

RADIOFREQUENCY, SCHEDULING
FREQUENCY ASSIGNMENT STUDIES.
AD-630 562 17B T 66 10 HC$11.60 MF$ 0.75

RADIOGRAPHIC FILM, RADIOACTIVE DECAY
THE RESPONSE OF X-RAY FILMS TO INDIUM-116 BETA RADIATION FROM NEUTRON-ACTIVATED INDIUM FOILS.
AD-452 163 18H U 41 10 HC$ 1.60

RADIOLOGICAL DOSAGE, CALORIMETERS
PHOTON, NEUTRON AND CHARGED PARTICLE ABSORBED DOSE MEASUREMENTS WITH A PORTABLE MICROCALORIMETER.
AD-630 693 18D T 66 10 HC$ 2.60 MF$ 0.50

RADIOLOGICAL DOSAGE, DOSIMETERS
COMPARISON OF DOSE PATTERNS IN A DOG EXPOSED TO NEUTRONS AND TO X RAYS,
AD-630 332 6R T 66 09 HC$ 2.00 MF$ 0.50

RADIOLOGICAL DOSAGE, INJECTION(MEDICINE)
RESEARCH IN RADIOBIOLOGY. ANNUAL REPORT OF WORK IN PROGRESS ON THE CHRONIC TOXICITY PROGRAM.
COO-119-231 6R U 41 09 HC$ 5.00 MF$ 1.00

RADIOLOGICAL WARFARE, CIVIL DEFENSE SYSTEMS
RADIOLOGICAL TARGET ANALYSIS PROCEDURES,
AD-629 784 15B T 66 09 HC$ 9.60 MF$ 0.75

RULES FOR THE BEHAVIOR OF THE POPULATION IN CONTAMINATED AREAS,
AD-630 281 15C T 66 09 HC$ 3.60 MF$ 0.50

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EXPERIMENTAL FEASIBILITY STUDY OF REMOTE MICROWAVE MEASUREMENTS OF ATMOSPHERIC TEMPERATURE.
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RADIOMETERS, FEEDBACK
AN IMPROVED FEEDBACK RADIOMETER.
AD-630 613 3B T 66 10 HC$ 2.00 MF$ 0.50

RADIOMETERS, REENTRY VEHICLES
A SPECTRAL RADIOMETER FOR REENTRY MEASUREMENTS,
AD-630 366 14B T 66 09

RADIOPROTECTIVE AGENTS, SYNTHESIS (CHEMISTRY)
GLYCIDIC ESTERS AND/OR ORGANIC DISULFIDES AND RELATED SUBSTANCES, AS SOURCES OF ANTIRADIATION DRUGS.
AD-630 199 6O T 66 09 HC$ 2.00 MF$ 0.50

RADIOPROTECTIVE AGENTS, TEST METHODS
AN ENZYMATIC EVALUATION OF THIOL RADIOPROTECTORS,
AD-630 791 6O T 66 10

RADIOSONDES, ATMOSPHERIC SOUNDING
COMPARISON OF CHEMILUMINESCENT AND ELECTROCHEMICAL OZONESONDE OBSERVATIONS,
AD-629 986 4A T 66 09

RADOMES, DESIGN
ANALYTICAL AND EXPERIMENTAL STUDIES OF SPHERICAL RIGID GROUND RADOMES.
PB-169 594 17I U 41 10 HC$19.40

RAILROADS, INDUSTRIAL RESEARCH
RAILWAY ENGINEERING ABSTRACTS 1965. VOLUME 4, NO. 4.
PB-169 560 13F U 41 10 HC$ 1.00

QUARTERLY REPORT OF THE RAILWAY TECHNICAL RESEARCH INSTITUTE 1965. VOLUME 6, NO. 4.
PB-169 561 13F U 41 10 HC$ 3.00

RAINDROPS, METEOROLOGICAL PARAMETERS
AN ANALYSIS OF THE VARIOUS FACTORS IN RAIN FORMATION WITH RESPECT TO FLUCTUATIONS OF THE VERTICAL CIRCULATION,
AD-631 116 4B T 66 10 HC$ 1.00 MF$ 0.50

RAINDROPS, PARTICLE SIZE
MEASUREMENT OF DROP SIZE DISTRIBUTIONS IN NATURAL CLOUDS AND RAIN.
AD-630 706 4B T 66 10 HC$ 2.00 MF$ 0.50

RAINFALL, RADAR SCANNING
SOME RESULTS OF RADAR MEASUREMENT OF PRECIPITATION PER UNIT AREA.
AD-630 673 4B T 66 10 HC$ 1.00 MF$ 0.50

RAMAN SPECTROSCOPY, LASERS
STUDY OF VARIOUS ASPECTS OF RAMAN SCATTERING USING C. W. OPTICAL MASERS.
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RAMJET ENGINES, FUEL INJECTION
RAMJET TECHNOLOGY. CHAPTER 8. AIR-FUEL MIXTURE PREPARATION.
AD-630 828 21E T 66 10 HC$ 3.00 MF$ 0.75

RAMJET ENGINES, FUEL SYSTEMS
RAMJET TECHNOLOGY. CHAPTER 7. FUEL SYSTEMS.
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RAMJET ENGINES, SUPERSONIC FLIGHT
RAMJET TECHNOLOGY. CHAPTER 10. PRELIMINARY DESIGN FOR SUPERSONIC FLIGHT.
AD-630 827 21E T 66 10 HC$ 3.00 MF$ 0.75

RAMJET ENGINES, TEST FACILITIES
RAMJET TECHNOLOGY. CHAPTER 13. FACILITIES AND TESTING.
AD-630 826 21E T 66 10 HC$ 2.00 MF$ 0.50

RANGE GATING, RADAR EQUIPMENT
POLAR VIDEO GATING OF RADAR AND IFF DISPLAYS USING CARTESIAN CONTROL.
AD-630 202 17I T 66 09 HC$ 1.00 MF$ 0.50

RARE EARTH ELEMENTS, FLUORESCENCE
FLUORESCENT ION INTERACTION.
AD-465 985 7E U 41 09 HC$ 3.00 MF$ 0.50

RARE EARTH COMPOUNDS, CATHODES
INVESTIGATIONS OF RARE-EARTH OXIDE CATHODES.
PB-169 469 9A U 41 10 HC$ 1.60

RARE EARTH ELEMENTS, SEPARATION
PROCESS FOR SEPARATING RARE-EARTH ELEMENTS BY ION EXCHANGE.
PATENT 3,228,750 11F U 41 10

REACTION KINETICS, CHEMICAL ANALYSIS
A CRITICAL EVALUATION OF DIFFERENTIAL REACTION-RATE METHODS EMPLOYED FOR THE SIMULTANEOUS ANALYSIS OF CLOSELY RELATED MIXTURES. PART I. FIRST-ORDER AND PSEUDO FIRST-ORDER METHODS,
AD-630 054 7C T 66 09

METHOD OF PROPORTIONAL EQUATIONS FOR ANALYSIS OF CLOSELY RELATED MIXTURES BY DIFFERENTIAL REACTION RATES WHERE CONCENTRATION OF REAGENTS <<REACTANTS. CONDUCTOMETRIC DETERMINATION OF CARBONYL COMPOUNDS,
AD-630 057 7C T 66 09

REACTION KINETICS, NUCLEAR MAGNETIC RESONANCE
NMR METHODS FOR DETERMINING CHEMICAL EXCHANGE RATES.
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REACTION KINETICS, SHOCK WAVES
RE-ENTRY PHYSICS RESEARCH.
AD-467 092 4A U 41 10 HC$ 1.60 MF$ 0.50

REACTION KINETICS, STATISTICAL MECHANICS
CHEMICAL KINETICS AS A RELAXATION PROCESS IN A MULTILEVEL SYSTEM. II. GENERAL FORMULATION OF THE MANY-SHOT EXPANSION,
AD-630 211 7D T 66 09

REACTION KINETICS, THEORY
VARIATIONAL THEORY OF REACTION RATES,
AD-629 937 7D T 66 09 HC$ 6.60 MF$ 0.75

REACTION KINETICS, TURBULENCE
A BIMODAL APPROXIMATION FOR REACTING TURBULENT FLOWS: I. DESCRIPTION OF THE MODEL,
AD-630 400 7D T 66 09

REACTION(PSYCHOLOGY), INHIBITION

TIMING OF PUNISHMENT AND THE OBSERVATION OF CONSEQUENCES TO OTHERS AS DETERMINANTS OF RESPONSE INHIBITION.
AD-629 949 5J T 66 09

REACTOR ACCIDENTS, RADIATION INJURIES
A SUMMARY OF INDUSTRIAL ACCIDENTS IN USAEC FACILITIES, 1963-1964.
TID-5360 18H U 41 09 HC$ 3.00 MF$ 0.50

REACTOR CONTROL, TEST REACTORS
FUNDAMENTALS IN THE OPERATION OF NUCLEAR TEST REACTORS. VOLUME 5. ADVANCED TEST REACTOR DESIGN AND OPERATION.
IDO-16871-5 18D U 41 10 HC$ 5.00 MF$ 1.00

REACTOR COOLANTS, TWO-PHASE FLOW
THE LOW-PRESSURE CRITICAL DISCHARGE OF STEAM - WATER MIXTURES FROM PIPE ELBOWS AND TEES.
BNWL-34 18J U 41 09 HC$ 2.00 MF$ 0.50

REACTOR CORES, PRESSURIZED WATER REACTORS
SPERT III REACTOR FACILITY E-CORE REVISION.
IDO-17036 18I U 41 10 HC$ 4.00 MF$ 0.75

REACTOR FUEL ELEMENTS, HEAT TRANSFER
MACABRE.
IDO-17096 18I U 41 10 HC$ 3.00 MF$ 0.50

REACTOR FUEL ELEMENTS, NEUTRON FLUX
ARMY GAS-COOLED REACTOR SYSTEMS PROGRAM. BOUNCE, AN IBM 7090 CODE TO CALCULATE FLUX DISTRIBUTIONS WITHIN MULTIPLE-PIN FUEL ELEMENTS BY THE METHOD OF SUCCESSIVE GENERATIONS.
AGN-TM-411 18K U 41 09 HC$ 4.00 MF$ 0.75

REACTOR FUEL ELEMENTS, PREPARATION
METHOD OF PREPARING COMPACTIBLE THORIUM OXIDE-PLUTONIUM OXIDE PARTICLES.
PATENT 3,228,886 18J U 41 10

REACTOR FUEL ELEMENTS, THERMAL CONDUCTIVITY
THERMAL CONDUCTIVITY OF SINTERED URANIUM OXIDE UNDER IN-PILE CONDITIONS.
EURAEC-1095 11F U 41 09 HC$ 4.00 MF$ 0.75

REACTOR FUEL ENRICHMENT, RECOVERY
ORGDP FULL REPROCESSING STUDIES.
K-1649 18J U 41 10 HC$ 4.00 MF$ 0.75

REACTOR FUELS, FUEL BURN UP
BURNUP DETERMINATION OF NUCLEAR FUELS.
IDO-14667 18J U 41 10 HC$ 2.00 MF$ 0.50

REACTOR FUELS, GAS-COOLED REACTORS
PROGRESS RELATING TO CIVILIAN APPLICATIONS DURING AUGUST 1965.
BMI-1742(DEL.) 18J U 41 10 HC$ 0.75 MF$ 0.50

PROGRESS RELATING TO CIVILIAN APPLICATIONS DURING SEPTEMBER 1965.
BMI-1745 18J U 41 10 HC$ 0.75 MF$ 0.50

REACTOR FUELS, REACTOR FUEL CLADDING
YAEC DEVELOPMENT PROGRAM FOR THE PERIOD JULY 1 TO DECEMBER 31, 1959.
YAEC-124 18L U 41 09 HC$ 3.00 MF$ 0.75

REACTOR MATERIALS, FAST NEUTRONS
PROGRESS RELATING TO CIVILIAN APPLICATIONS DURING AUGUST 1965.
BMI-1742(DEL.) 18J U 41 10 HC$ 0.75 MF$ 0.50

REACTOR MATERIALS, HEAT -RESISTANT METALS + ALLOYS
HIGH-TEMPERATURE MATERIALS PROGRAM.
GEMP-54A 11F U 41 10 HC$ 3.00 MF$ 0.75

REACTOR MATERIALS, HEAT-RESISTANT METALS + ALLOYS
HIGH-TEMPERATURE MATERIALS PROGRAM PROGRESS REPORT NO. 59, PART A.
GEMP-53A 11F U 41 10 HC$ 3.00 MF$ 0.75

REACTOR MATERIALS, MECHANICAL PROPERTIES
CRITICAL REVIEW OF THE DESIGN OF THE HALLAM MODERATOR ELEMENT, PHASE II. TASK 1. THE CONCENTRATION OF STRESS IN THE CAN AT A JOINT IN GRAPHITE CAUSED BY TEMPERATURE GRADIENTS ACROSS A DIAMETER OF THE MODERATOR ELEMENT. TASK 2. POSSIBILITY OF MECHANISM OF THERMAL STRESS RATCHET.
COO-1402-2 18J U 41 09 HC$ 3.00 MF$ 0.75

REACTOR MATERIALS, METALLURGY
METALLURGY RESEARCH SECTION.
BNWL-166 11F U 41 09 HC$ 3.00 MF$ 0.75

REACTOR MATERIALS, NUCLEAR PHYSICS LABORATORIES
MOLTEN-SALT REACTOR PROGRAM SEMIANNUAL PROGRESS REPORT FOR PERIOD ENDING AUGUST 31, 1965.
ORNL-3872 18I U 41 10 HC$ 5.00 MF$ 1.00

REACTOR MATERIALS, REACTOR FUEL PLATES
PROGRESS RELATING TO CIVILIAN APPLICATIONS DURING SEPTEMBER 1965.
BMI-1745 18J U 41 10 HC$ 0.75 MF$ 0.50

REACTOR MATERIALS, STEEL
IRRADIATION EFFECTS ON REACTOR STRUCTURAL MATERIALS.
AD-630 937 8J T 66 10 HC$ 4.60 MF$ 0.50

REACTOR MATERIALS, ZIRCONIUM ALLOYS
STUDIES ON THE INFLUENCE OF NEUTRON IRRADIATION ON THE PROPERTIES OF ZRNB3SN1.
EURAEC-1249 18J U 41 09 HC$ 3.00 MF$ 0.75

REACTOR MODERATORS, DESIGN
CRITICAL REVIEW OF THE DESIGN OF THE HALLAM MODERATOR ELEMENT, PHASE I.
COO-1402-1 18J U 41 09 HC$ 3.00 MF$ 0.75

REACTOR MODERATORS, NUCLEAR ENGINEERING
SRE-PEP MODERATOR ELEMENTS.
NAA-SR-11160 18I U 41 09 HC$ 2.00 MF$ 0.50

REACTOR MODULATORS, THERMAL STRESSES
CRITICAL REVIEW OF THE DESIGN OF THE HALLAM MODERATOR ELEMENT, PHASE II. TASK 1. THE CONCENTRATION OF STRESS IN THE CAN AT A JOINT IN GRAPHITE CAUSED BY TEMPERATURE GRADIENTS ACROSS A DIAMETER OF THE MODERATOR ELEMENT. TASK 2. POSSIBILITY OF MECHANISM OF THERMAL STRESS RATCHET.
COO-1402-2 18J U 41 09 HC$ 3.00 MF$ 0.75

REACTOR OPERATION, PERFORMANCE (ENGINEERING)
MEASUREMENT OF REACTOR FLUCTUATION SPECTRA AND SUBCRITICAL REACTIVITY.
ORNL-TM-1066 18D U 41 09 HC$ 4.00 MF$ 0.75

REACTOR OPERATION, REVIEWS
REACTOR TECHNOLOGY. SELECTED REVIEWS- 1965.
TID-8541 18I U 41 09 HC$ 4.50 MF$ 2.00

REACTOR SAFETY SYSTEMS, SODIUM
STEADY-STATE SODIUM BOILING AND HYDRODYNAMICS.
NAA-SR-11586 18I U 41 09 HC$ 3.00 MF$ 0.50

REACTOR SHIELDING MATE RIALS, GAMMA RAY SCATTERING
EXPERIMENTAL DETERMINATION OF THE GAMMARAY ANGULAR DOSE ALBEDOS OF CONCRETE, ALUMINUM AND STEEL.
AD-452 958 18J U 41 09 HC$ 4.60

REACTOR SHIELDING MATERIALS, GAMMA RAYS
GAMMA SHIELDING REQUIREMENTS FOR 238 PU AND 210 PO (REVISED).
MLM-1315 18F U 41 09 HC$ 1.00 MF$ 0.50

REACTOR SYSTEM COMPONENTS, CRITICAL ASSEMBLIES
INSTRUCTION MANUAL FOR PROMPT BURST CRITICAL ASSY MACHINE, SUPER KUKLA.
UCRL-13138 18I U 41 09 HC$ 2.00 MF$ 0.50

READING MACHINES, EFFECTIVENESS
STANDARDIZATION OF TYPEWRITER FONTS FOR AUTOMATIC READING.
AD-630 471 6D T 66 09 HC$ 3.00 MF$ 0.50

READING MACHINES, STATE-OF-THE-ART REVIEWS
A SURVEY OF READING MACHINES.
PB-169 642 9B U 41 10 HC$ 3.60

READING, BEHAVIOR
CHARACTERISTICS OF TECHNICAL REPORTS THAT AFFECT READER BEHAVIOR: A REVIEW OF THE LITERATURE.
PB-169 409 5B U 41 10 HC$ 5.00 MF$ 1.00

READING, TRAINING DEVICES
AN EXPERIMENTAL EVALUATION OF METHODS FOR IMPROVING THE READING SKILLS OF STUDENTS AT A NESEP PREPARATORY SCHOOL.
AD-630 601 5I T 66 10 HC$ 1.00 MF$ 0.50

RECALL, PSYCHOMETRICS
PRIMACY-RECENCY EFFECTS IN FREE RECALL.
AD-629 902 5J T 66 09

RECOMBINATION REACTIONS, HYDROGEN
CATALYSIS OF HYDROGEN-ATOM RECOMBINATION IN ROCKET NOZZLES.
N66-13167 21I U 41 09 HC$ 2.00 MF$ 0.50

RECOMBINATION REACTIONS, LAMINAR BOUNDARY LAYER
DISSOCIATED LAMINAR BOUNDARY LAYERS WITH HETEROGENEOUS RECOMBINATION.
AD-631 129 7D T 66 10

RECOMBINATION REACTIONS, PLASMA MEDIUM
AN INVESTIGATION OF ELECTRONIC RECOMBINA- TION IN HELIUM AND ARGON AFTERGLOW PLASMAS BY MEANS OF LASER INTERFEROMETRIC MEASUREMENTS.
AD-630 074 20I T 66 09 HC$ 4.00 MF$ 0.75

RECOMBINATION REACTIONS, REACTION KINETICS
INVESTIGATION OF CHARGE NEUTRALIZATION PHENOMENA BETWEEN POSITIVE AND NEGATIVE IONS.
AD-630 904 7D T 66 10 HC$ 2.00 MF$ 0.50

RECOMBINATION REACTIONS, SURFACES
STOM RECOMBINATION ON SURFACES.
AD-630 339 7D T 66 09 HC$ 2.00 MF$ 0.50

RECTANGULAR BODIES, VIBRATION
UPPER AND LOWER BOUNDS FOR THE FREQUENCIES OF RECTANGULAR FREE PLATES.
AD-470 550 20L U 41 10 HC$ 3.60 MF$ 0.50

REDUCTION GEARS, HELICOPTERS
AN EXPERIMENTAL EVALUATION OF THE CONFORMAL GEAR.
AD-630 925 1C T 66 10 HC$ 3.00 MF$ 0.75

REDUCTION(CHEMISTRY), PROPELLANTS
METHOD FOR THE CATALYTIC REDUCTION OF B-CYANOETHYL CELLULOSE TO AN AMINOPROPYL CELLULOSE.
PATENT 3,236,834 19A U 41 10

REENTRY VEHICLES, ATMOSPHERE ENTRY
OBSERVATION OF THE GT-5 ROCKET-BODY REENTRY - PRELIMINARY ANALYSIS.
N66-13768 22B U 41 09 HC$ 2.00 MF$ 0.50

ATMOSPHERIC EFFECTS ON RE-ENTRY VEHICLE DISPERSIONS.
PB-169 381 22C U 41 09 HC$ 2.60 MF$ 0.50

REENTRY VEHICLES, DESIGN
* RE-ENTRY VEHICLE OR SIMILAR ARTICLE.
PATENT DESIGN 203,902 22B U 41 10

REENTRY VEHICLES, RADIOMETERS
A SPECTRAL RADIOMETER FOR REENTRY MEASUREMENTS.
AD-630 366 14B T 66 09

REENTRY VEHICLES, SIMULATION
EXPLOSIVE GAS GUN FOR RE-ENTRY SIMULATION.
AD-630 801 14B T 66 10 HC$ 3.00 MF$ 0.75

REFLECTOMETERS, FILMS
VACUUM ULTRAVIOLET REFLECTOMETER.
AD-630 163 14B T 66 09

REFLECTOMETERS, SPHERES
DEVIATIONS FROM INTEGRATING SPHERE THEORY CAUSED BY CENTRALLY LOCATED SAMPLES,
AD-630 899 20C T 66 10 HC$ 2.00 MF$ 0.50

REFRACTIVE INDEX, IONOSPHERE
THE EFFECT OF COLLISION ON THE GROUP REFRACTIVE INDEX OF THE IONOSPHERE.
AD-459 467 4A U 41 10 HC$ 2.60

REFRACTOMETERS, ATMOSPHERIC SOUNDING
INVESTIGATION OF REFRACTOMETER MEASUREMENTS IN THE ATMOSPHERE AT HIGH RELATIVE HUMIDITIES AND TEMPERATURES.
AD-630 293 4A T 66 09 HC$ 5.00 MF$ 1.00

REFRACTORY MATERIALS, BORIDES
THE DETERMINATION OF BORON IN REFRACTORY BORIDES BY PYROHYDROLYSIS,
AD-463 034 11B U 41 10 HC$ 1.00

REFRACTORY MATERIALS, MICROSTRUCTURE
MICROSTRUCTURE STUDIES OF POLYCRYSTALLINE REFRACTORY OXIDES.
AD-630 776 11B T 66 10 HC$ 3.00 MF$ 0.75

REFRACTORY MATERIALS, THERMAL PROPERTIES
HEAT CAPACITY AND ENTHALPY MEASUREMENTS ON ALUMINUM CARBIDE (AL4C3) FROM 15 TO 1173K. THERMODYNAMIC PROPERTIES FROM 0 TO 2000K,
AD-630 980 11B T 66 10

REFRACTORY METAL ALLOYS, HIGH-TEMPERA TURE RESEARCH
SHORT-TIME, HIGH-TEMPERATURE CREEP STRENGTH OF MOLYBDENUM-0.5% TITANIUM.
AD-630 070 11F T 66 09 HC$ 9.60 MF$ 0.75

REFRACTORY METAL ALLOYS, ROLLING (METALLURGY)
COOPERATIVE ANALYSIS PROGRAM ON REFRACTORY METAL ALLOYS.
AD-630 276 11F T 66 09 HC$ 2.00 MF$ 0.50

REFRACTORY METALS, BOILER TUBES
METALLURGICAL STUDY AND NIOBIUM/TYPE 316 STAINLESS STEEL DUPLEX TUBING,
NAA-SR-11191 11F U 41 09 HC$ 2.00 MF$ 0.50

REFRACTORY METALS, COATINGS
HIGH TEMPERATURE PROJECTIVE COATINGS FOR REFRACTORY METALS.
N66-12875 11C U 41 09 HC$ 1.00 MF$ 0.50

REFRACTORY METALS, COMPATIBILITY
A STUDY OF THE COMPATIBILITY OF SELECTED REFRACTORY METALS WITH VARIOUS CERAMIC INSULATION MATERIALS,
CNLM-5942 11B U 41 09 HC$ 2.00 MF$ 0.50

REFRACTORY METALS, DEFORMATION
SURVEY OF CURRENT KNOWLEDGE OF THE DEFORMATION CHARACTERISTICS OF BERYLLIUM, THE REFRACTORY METALS, AND THE SUPERALLOYS.
AD-630 427 11F T 66 09 HC$ 7.00 MF$ 1.50

REIN FORCED CONCRETE, PIPES
ANNUAL PERFORMANCE SURVEY OF REINFORCED CONCRETE PIPE CULVERTS (5TH.)
PB-169 515 13K U 41 10 HC$ 3.00 MF$ 0.75

REINFORCED CONCRETE, GLASS TEXTILES
LABORATORY INVESTIGATION OF PLASTIC-GLASS FIBER REINFORCEMENT FOR REINFORCED AND PRESTRESSED CONCRETE. REPORT I. PLAIN REINFORCED CONCRETE,
AD-630 600 11D T 66 10 MF$ 0.75

REINFORCED CONCRETE, PAVEMENTS
MOVING LOAD TEST ON EXPERIMENTAL PRESTRESSED CONCRETE HIGHWAY SLAB. PART B. ADDITIONAL INVESTIGATIONS.
PB-169 418 13B U 41 10 HC$ 2.00 MF$ 0.50

DETERMINING THE RELATIONSHIP OF VARIABLES IN DEFLECTION OF CONTINUOUSLY REINFORCED CONCRETE PAVEMENT.
PB-169 467 13B U 41 10 HC$ 6.60 MF$ 0.75

REINFORCING MATERIALS, CERAMIC FIBERS
INVESTIGATION OF BONDING IN OXIDE-FIBER (WHISKER) REINFORCED METALS.
AD-406 832 13H U 41 10 HC$ 2.60

REINFORCING MATERIALS, GLASS TEXTILES
FATIGUE CHARACTERISTICS OF TWO NEW PLASTIC LAMINATES, REINFORCED WITH UNWOVEN 'S' GLASS FIBERS, UNDER CYCLIC AXIAL OR SHEAR LOADING,
AD-630 884 11D T 66 10

RELATIVITY THEORY, ASTROPHYSICS
RELATIVISTIC ASTROPHYSICS,
AD-629 842 3B T 66 09

RELATIVITY THEORY, EQUATIONS
NEW HOMOGENEOUS SOLUTIONS OF EINSTEIN'S FIELD EQUATIONS WITH INCOHERENT MATTER OBTAINED BY A SPINOR TECHNIQUE,
AD-630 310 20J T 66 09

RELATIVITY THEORY, EQUATIONS OF MOTION
THE POST-NEWTONIAN EQUATIONS OF HYDRODYNAMICS IN GENERAL RELATIVITY. THE POSTNEWTONIAN EFFECTS OF GENERAL RELATIVITY ON THE EQUILIBRIUM OF UNIFORMLY ROTATING BODIES. I. THE MACLAURIN SPHEROIDS AND THE VIRIAL THEOREM. THE STABILITY OF GASEOUS MASSES FOR RADIAL AND NON-RADIAL OSCILLATIONS IN THE POST-NEWTONIAN APPROXIMATION OF GENERAL RELATIVITY,
AD-630 174 3B T 66 09

RELATIVITY THEORY, FIELD THEORY
HOMOGENEOUS SOLUTIONS OF THE EINSTEIN -MAXWELL EQUATIONS,
AD-630 384 20J T 66 09

RELATIVITY THEORY, GRAVITY
SPHERICALLY SYMMETRIC GRAVITATIONAL FIELDS,
AD-629 820 20J T 66 09

CRITIQUE OF A NEW THEORY OF GRAVITATION,
AD-630 311 20J T 66 09

MINIMUM SIZE OF DENSE SOURCE DISTRIBUTIONS IN GENERAL RELATIVITY,
AD-630 322 20J T 66 09

RELATIVITY THEORY, HYPERFINE STRUCTURE
RELATIVISTIC CORRECTIONS TO THE FINE STRUCTURE OF HELIUM.
AD-630 297 7D T 66 09

RELATIVITY THEORY, MATHEMATICAL ANALYSIS
CLASSICAL FIELDS AND GRAVITATION.
AD-467 414 20J U 41 10 HC$ 4.60 MF$ 0.50

RELATIVITY THEORY, NUCLEAR REACTIONS
ENERGY CONSERVATION AS THE BASIS OF RELATIVISTIC MECHANICS. II,
AD-630 407 20J T 66 09

RELATIVITY THEORY, QUANTUM MECHANICS
RESEARCH ON ELEMENTARY PARTICLES AND RELATIVITY THEORY.
AD-629 763 20J T 66 09 HC$ 5.00 MF$ 1.00

RELAXATION OSCILLATORS, SCALERS
FAST HYBRID BISTABLE MULTIVIBRATORS.
TID-21930 9C U 41 09 HC$ 3.00 MF$ 0.75

RELAXATION(PHYSIOLOGY), METABOLISM
EFFECT OF EXERCISE, STANDING, NEGATIVE TRUNK AND POSITIVE SKELETAL PRESSURE ON BED REST-INDUCED ORTHOSTATIS AND HYPERCALCIURIA.
AD-630 921 6P T 66 10 HC$ 2.00 MF$ 0.50

RELEASE MECHANISMS, GUIDE MISSILE LAUNCHERS
* ADAPTER RAIL RESTRAINING MECHANISM.
PATENT 3,228,297 16A U 41 10

RELEASE MECHANISMS, UNDERWATER EQUIPMENT
UNDERWATER RELEASE MECHANISM.
PATENT 3,228,332 13E U 41 10

RELIABILITY(ELECTRONICS), TEST METHODS
C-6365/ARC-34C RADIO SET CONTROL.
AD-630 865 14D T 66 10 HC$ 2.00 MF$ 0.50

RELIABILITY, MANAGEMENT PLANNING
RELIABILITY PROGRAM PLAN FOR A DEVELOPMENT SHIPBOARD SYSTEM,
AD-630 821 13J T 66 10 HC$ 2.00 MF$ 0.50

RELIABILITY, MATHEMATICAL MODELS
RELIABILITY GROWTH DURING A DEVELOPMENT TESTING PROGRAM,
N66-13518 14D U 41 09 HC$ 1.00 MF$ 0.50

RELIABILITY, WEAPON SYSTEMS
RELIABILITY HANDBOOK.
AD-457 170 14D U 41 10 HC$32.50

RELIGION, PSYCHOLOGY
WORSHIP AND THE DANGEROUS LIFE: A STUDY OF CHURCH ATTENDANCE AMONG SPORT PARACHUTISTS.
AD-630 793 5J T 66 10 HC$ 5.60 MF$ 0.50

REPORTS, BIBLIOGRAPHIES
LISTING OF SPECIAL PUBLICATIONS AND TECH BRIEFS.
N66-13013 5B U 41 09 HC$ 1.00 MF$ 0.50

REPORTS, CLASSIFICATION
AUTOMATIC DOCUMENT CLASSIFICATION. PART II. ADDITIONAL EXPERIMENTS.
AD-424 911 5B U 41 10 HC$ 3.60

DISCRIMINANT ANALYSIS FOR CONTENT CLASSIFICATION.
AD-630 127 5B T 66 09 HC$ 6.00 MF$ 1.00

REPORTS, EFFECTIVENESS
CHARACTERISTICS OF TECHNICAL REPORTS THAT AFFECT READER BEHAVIOR: A REVIEW OF THE LITERATURE,
PB-169 409 5B U 41 10 HC$ 5.00 MF$ 1.00

REPORTS, RAILROADS
QUARTERLY REPORT OF THE RAILWAY TECHNICAL RESEARCH INSTITUTE 1965. VOLUME 6, NO. 4.
PB-169 561 13F U 41 10 HC$ 3.00

REPORTS, SELECTION
BIBLIOGRAPHIC COUPLING EXTENDED IN TIME: TEN CASE HISTORIES,
AD-286 253 5B U 41 10 HC$ 3.60

REPORTS, SUBJECT INDEXING
AN INVESTIGATION OF THE BASIC PROCESSES INVOLVED IN THE MANUAL INDEXING OF SCIENTIFIC DOCUMENTS.
PB-169 415 5B U 41 09 HC$ 5.00 MF$ 1.00

REPRODUCTIVE SYSTEM, NEOPLASMS
POLYPS OF THE VAGINA: A BENIGN LESION RESEMBLING SARCOMA BOTRYOIDES,
AD-630 958 6E T 66 10

RESCUE BEACONS, RADIO BEACONS
AN/URT-21 LOCATOR BEACON JUMP TEST AND RECEPTION DISTANCES,
AD-630 190 6G T 66 09 HC$ 2.60 MF$ 0.50

RESEARCH PROGRAM ADMINISTRATION, OPERATIONS RESEARCH
PROBLEM SOLVING STRATEGIES IN PARALLEL RESEARCH AND DEVELOPMENT PROJECTS,
N66-12989 5A U 41 09 HC$ 2.00 MF$ 0.50

RESEARCH PROGRAM ADMINISTRATION, WATER SUPPLIES
COOPERATIVE WATER RESOURCES RESEARCH AND TRAINING,
PB-169 625 13B U 41 10 HC$ 4.00 MF$ 1.00

RESISTANCE(ELECTRICAL), COBALT
MAGNETORESISTANCE OF COBALT,
AD-631 068 20C T 66 10 HC$ 1.60 MF$ 0.50

RESISTANCE(ELECTRICAL), TITANIUM ALLOYS
THE RESISTANCE MINIMUM IN DILUTE TI-MN ALLOYS,
AD-629 823 11F T 66 09

RESISTORS, FILMS
THIN FILMS FORMED BY ELECTROCHEMICAL REACTIONS,
AD-631 034 9A T 66 10 HC$ 2.00 MF$ 0.50

RESISTORS, PERFORMANCE(ENGINEERING)
RELIABLE, LOW COST, STABLE RESISTORS GENERAL PURPOSE,
AD-428 248 9A U 41 10 HC$ 6.60

RESONANCE ABSORPTION, COMPUTERS
RIFF RAFF. A PROGRAM FOR COMPUTATION OF RESONANCE INTEGRALS IN A TWO-REGION CELL,
ANL-7033 18K U 41 09 HC$ 3.00 MF$ 0.75

RESONANCE, GAS FLOW
EXCITATION OR RESONANCE BY AIR FLOW (VOZBUZHDENIE REZONATOROV POTOKOM VOZDUKHA),
AD-630 682 20A T 66 10 HC$ 1.60 MF$ 0.50

RESONANCE, NUCLEAR REACTIONS
REACTIONS INVOLVING SIMPLE ISOBARIC ANALOGUE RESONANCES,
AD-630 240 20H T 66 09

RESONATORS, DIELECTRICS
INVESTIGATION OF MICROWAVE DIELECTRIC-RESONATOR FILTERS.
AD-426 201 9A U 41 10 HC$ 2.00

INVESTIGATION OF MICROWAVE DIELECTRIC -RESONATOR FILTERS.
AD-436 653 9A U 41 10 HC$ 4.60

AD-444 150 9A U 41 10 HC$ 3.60

INVESTIGATION OF MICROWAVE DIELECTRIC-RESONATOR FILTERS.
AD-453 421 9E U 41 10 HC$ 4.60

AD-461 318 U 41 10 HC$ 3.60

INVESTIGATION OF MICROWAVE DIELECTRIC -RESONATOR FILTERS.
AD-465 668 9A U 41 10 HC$ 3.60 MF$ 0.50

RESPIRATION, DIVING
VENTILATORY DYNAMICS UNDER HYPERBARIC STATES.
AD-289 217 6S U 41 10 HC$ 2.00

RESPIRATION, MAMMALS
CARDIOVASCULAR RESPONSES OF DIVING AND NONDIVING MAMMALS TO APNEA.
AD-631 139 6P T 66 10 HC$ 1.60 MF$ 0.50

RESPIRATION, MEDICAL EQUIPMENT
AN APPARATUS FOR THE STUDY OF RESPIRATORY GAS METABOLISM IN SMALL ANIMALS,
AD-630 483 6L T 66 09 HC$ 1.60 MF$ 0.50

RESPIRATION, MOISTURE
REDUCED BAROMETRIC PRESSURE AND RESPIRATORY WATER LOSS.
AD-631 151 6S T 66 10 HC$ 3.00 MF$ 0.75

RESPIRATION, THRESHOLDS(PHYSIOLOGY)
INFLUENCE OF ARTERIAL OXYGEN TENSION ON APNEIC THRESHOLD FOR CARBON DIOXIDE IN NORMOTHERMIC AND HYPOTHERMIC DOGS.
AD-629 870 6E T 66 09 HC$ 1.00 MF$ 0.50

RESPIRATORY DISEASES, AVIATION PERSONNEL
A LONGITUDINAL STUDY OF NAVAL FLIGHT STUDENTS WITH PARTICULAR ATTENTION TO CARDIOVASCULAR DISEASE.
N66-13165 6S U 41 09 HC$ 1.00 MF$ 0.50

RESPIRATORY SYSTEM, DRUGS
EFFECT OF HISTAMINE, SEROTONIN, AND ACETYLCHOLINE ON THE PERIPHERAL AIRWAYS,
AD-630 569 6O T 66 10

RESPIRATORY SYSTEM, HISTAMINE
NEW METHOD FOR PERFUSING BRONCHIAL ARTERIES: HISTAMINE BRONCHOCONSTRICTION AND APNEA,
AD-630 570 6O T 66 10

RETINA, ADAPTATION(PHYSIOLOGY)
SPATIAL INTERACTION IN THE HUMAN RETINA DURING SCOTOPIC VISION,
AD-630 153 6P T 66 09

RETINA, RATS
DENDRITIC FIELDS OF RETINAL GANGLION CELLS OF THE RAT,
AD-630 488 6C T 66 09

RAT RETINAL GANGLION CELLS: RECEPTIVE FIELD ORGANIZATION AND MAINTAINED ACTIVITY,
AD-630 502 6C T 66 09

RH INCOMPATIBILITY, MOLECULAR ASSOCIA TION
ON THE VALENCY OF INCOMPLETE ANTI-RH ANTIBODIES,
AD-630 178 6E T 66 09

RHENIUM COMPOUNDS, COMPLEX COMPOUNDS
GROUP III ALKYL ADDUCTS OF TRANSITION METAL CYCLOPENTADIENIDES,
AD-630 006 7B T 66 09

RHENIUM COMPOUNDS, OXIDES
THE RELATION OF THE ELECTRICAL CONDUCTIVITY IN SINGLE CRYSTALS OF RHENIUM TRIOXIDE TO THE CONDUCTIVITIES OF SR2MGRE06 AND NAXW03,
AD-630 364 20L T 66 09

RHEOLOGY, POLYMERS
THE EFFECTS OF INTERMOLECULAR FORCES ON POLYMER RHEOLOGY. II. HYDROGEN BONDING ABOVE TG.
AD-630 019 11I T 66 09 HC$ 2.00 MF$ 0.50

RHYTHM(BIOLOGY), STATISTICAL ANALYSIS
STATISTICAL METHODS FOR THE ANALYSIS OF PROBLEMS IN ANIMAL ORIENTATION AND CERTAIN BIOLOGICAL RHYTHMS.
AD-630 708 6C T 66 10

RIBONUCLEIC ACIDS, SYNTHESIS(CHEMISTRY)
RNA SYNTHESIS IN CHROMATIN AND IN THE NUCLEOLUS OF HELA-S3 HUMAN CANCER CELLS IN CULTURE,
BNL-7767 6A U 41 09 HC$ 2.00 MF$ 0.50

RIBONUCLEIC ACIDS, THERMAL STABILITY
RIBONUCLEIC ACID AND RIBOSOMES OF BACILLUS STEAROTHERMOPHILUS,
AD-629 966 6M T 66 09

RIBOSOMES, ELECTRON MICROSCOPY
ELECTRON MICROSCOPY OF MAGNESIUM-DEPLETED BACTERIA,
AD-630 514 6M T 66 09

RIBOSOMES, METABOLISM
KINETICS OF PROTEIN SYNTHESIS BY POLYRIBOSOMES,
AD-629 848 6A T 66 09

RIBOSOMES, THERMAL STABILITY
RIBONUCLEIC ACID AND RIBOSOMES OF BACILLUS STEAROTHERMOPHILUS,
AD-629 966 6M T 66 09

RICKETTSIA, DISEASES
(EXANTHEMATOUS) TYPHUS FEVER AND BRILL'S DISEASE (ETIOLOGY, PATHOLOGY, EPIDEMIOLOGY AND PREVENTION),
AD-629 911 6E T 66 09 HC$ 4.00 MF$ 1.00

RINGS, TEST EQUIPMENT
TEST FIXTURES FOR DETERMINING THE COMPRESSIVE OR TENSILE STRENGTH OF VARIOUS RINGS.
PATENT 3,228,237 14B U 41 10

NOL HYDRAULIC RING TENSILE TESTER.
PB-169 641 14B U 41 10 HC$ 2.60

RIVERS, SEDIMENTATION
SEDIMENTARY STRUCTURES: MISSISSIPPI RIVER DELTAIC PLAIN.
AD-630 031 8H T 66 09

RIVERS, SIBERIA
ENERGY OF THE SIBERIAN RIVERS AND THE NORTHERN SEA ROUTE,
AD-630 327 8H T 66 09 HC$ 1.00 MF$ 0.50

ROADS, ALABAMA
A STUDY OF HIGHWAY LAWS OF THE STATE OF ALABAMA WITH SUGGESTIONS FOR REVISION.
PB-169 508 13B U 41 10 HC$ 7.00 MF$ 1.75

ROADS, BRIDGES
THE DEVELOPMENT OF ANALYTICAL PROCEDURES FOR DETERMINING ECONOMIC CROSSINGS BY STREAMS, PART I.
PB-169 511 13M U 41 10 HC$ 2.00 MF$ 0.50

MANUAL OF PRACTICE, THE DEVELOPMENT OF ANALYTICAL PROCEDURES FOR DETERMINING ECONOMIC CROSSINGS OF STREAMS, PART II.
PB-169 512 13M U 41 10 HC$ 3.00 MF$ 0.75

ROADS, GEORGIA
MANAGEMENT RESEARCH STUDY ON THE STATE HIGHWAY DEPARTMENT OF GEORGIA.
PB-169 496 13B U 41 10 HC$ 3.00 MF$ 0.75

ROADS, GOVERNMENT PROCUREMENT
FARMS AND NEW HIGHWAYS: PROBLEMS AND ADJUSTMENTS,
PB-169 486 13B U 41 10 HC$ 2.00 MF$ 0.50

ROADS, INDIANA
INDIANA STATE HIGHWAY COMMISSION MANAGEMENT IMPROVEMENT PROJECT.
PB-169 501 13B U 41 10 HC$ 7.60 MF$ 2.00

ROADS, KANSAS
MATERIALS INVENTORY OF ELLIS COUNTY, KANSAS.
PB-169 485 13B U 41 10 HC$ 6.00 MF$ 1.25

MATERIALS INVENTORY OF SHERMAN COUNTY, KANSAS.
PB-169 488 138 U 41 10 HC$ 4.00 MF$ 1.00

ROADS, MAINTENANCE
A PILOT STUDY OF MAINTENANCE COSTS OF IDAHO HIGHWAYS.
PB-169 506 138 U 41 10 HC$ 4.00 MF$ 0.75

OPERATIONS AND MAINTENANCE COST STUDY: COST RESULTS AT END OF THIRD YEAR.
PB-169 507 138 U 41 10 HC$ 2.00 MF$ 0.50

ROADS, MISSOURI
MISSOURI STATE HIGHWAY DEPARTMENT. MANAGEMENT STUDY.
PB-169 517 5A U 41 10 HC$ 5.00 MF$ 1.00

FISCAL AND OPERATIONAL CONTROL STUDY REPORT. MISSOURI STATE HIGHWAY DEPARTMENT.
PB-169 518 5A U 41 10 HC$ 4.00 MF$ 1.00

JOB EVALUATION STUDY. MISSOURI STATE HIGHWAY DEPARTMENT.
PB-169 519 5I U 41 10 HC$ 3.00 MF$ 0.75

JOB EVALUATION STUDY; MISSOURI STATE HIGHWAY DEPARTMENT.
PB-169 520 5I U 41 10 HC$ 6.00 MF$ 1.50

ROADS, NEW MEXICO
ROADSIDE DEVELOPMENT,
PB-169 466 138 U 41 10 HC$ 5.60 MF$ 0.75

ROADS, NORTH CAROLINA
AN INVESTIGATION ON CRITICAL PROBLEMS OF ESTABLISHING AND MAINTAINING A SATISFACTORY SOD COVER ALONG NORTH CAROLINA HIGHWAYS.
PB-169 490 138 U 41 10 HC$ 4.00 MF$ 0.75

ROADS, PERSONNEL MANAGEMENT
MANAGEMENT IMPROVEMENT PROJECT 1962-1964. WORK SAMPLING AND MANPOWER NEEDS STUDY,
PB-169 502 5I U 41 10 HC$ 3.00 MF$ 0.50

ROADS, SAFETY DEVICES
DYNAMIC FULL SCALE IMPACT TESTS OF CABLE TYPE MEDIAN BARRIERS TEST SERIES IX,
PB-169 513 138 U 41 10 HC$ 3.00 MF$ 0.75

ROADS, SOIL MECHANICS
STRENGTH CHARACTERISTICS OF COMPACTED SOILS.
PB-169 516 138 U 41 10 HC$ 3.00 MF$ 0.75

ROADS, SYMPOSIA
CONFERENCE ON IMPROVED HIGHWAY ENGINEERING PRODUCTIVITY, MAY 19-21, 1965, PROCEEDINGS.
PB-169 406 138 U 41 09 HC$ 8.85 MF$ 2.50

ROADS, TEST METHODS
AASHO ROAD TEST EQUATIONS APPLIED TO THE DESIGN OF PORTLAND CEMENT CONCRETE PAVEMENTS IN ILLINOIS.
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AASHO ROAD TEST EQUATIONS APPLIED TO THE DESIGN OF BITUMINOUS PAVEMENTS IN ILLINOIS.
PB-169 464 138 U 41 10 HC$ 5.60 MF$ 0.50

ROADS, TEXAS
FINANCIAL MANAGEMENT STUDY FOR THE TEXAS HIGHWAY DEPARTMENT AND TH U. S. DEPARTMENT OF COMMERCE, BUREAU OF PUBLIC ROADS. VOLUME I.
PB-169 493 138 U 41 10 HC$ 6.00 MF$ 1.25

FINANCIAL MANAGEMENT STUDY FOR THE TEXAS HIGHWAY DEPARTMENT AND THE U. S. DEPARTMENT OF COMMERICE, BUREAU OF PUBLIC ROADS, VOLUME 2.
PB-169 494 138 U 41 10 HC$ 5.00 MF$ 1.00

ROADS, URBAN AREAS
DEVELOPING AND ANALYZING FUNCTIONALLY CLASSIFIED HIGHWAY NETWORKS UTILIZING TRAFFIC SIMULATION. PHASE I.
PB-169 492 138 U 41 10 HC$ 2.00 MF$ 0.50

ROADS, VIRGINIA
STUDY OF THE EFFECTIVENESS OF THE TRAINING PROGRAM FOR GRADUATE ENGINEERS, VIRGINIA DEPARTMENT OF HIGHWAYS,
PB-169 504 5I U 41 10 HC$ 6.00 MF$ 1.25

CHANGES IN VIRGINIA'S HIGHWAY TAX LAWS, 1954-1964,
PB-169 510 5C U 41 10 HC$ 2.00 MF$ 0.50

ROADS, VISUAL SIGNALS
AN EXPERIMENTAL GLARE SCREEN INSTALLATION ON U. S. 101 IV-MRN-1-C BETWEEN TAMALPAIS ROAD AND CORTE MADERA CREEK,
PB-169 514 138 U 41 10 HC$ 2.00 MF$ 0.50

COLOR TOLERANCE CHARTS FOR MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.
PB-169 553 138 U 41 09 HC$ 6.00

ROCKET LAUNCHERS, DAMPING
HYDRAULIC DAMPING MECHANISM FOR A MOUNT.
PATENT 3,236,153 136 U 41 10

ROCKET MOTOR NOZZLES, FLUID DYNAMIC PROPERTIES
TASK R,
AD-275 325 21B U 41 10 HC$ 3.60

AD-295 750 21B U 41 10 HC$ 3.60

ROCKET MOTOR NOZZLES, FLUID MECHANICS
TASK R,
AD-402 828 20D U 41 10 HC$ 3.60

ROCKET MOTOR NOZZLES, RECOMBINATION REACTIONS
CATALYSIS OF HYDROGEN-ATOM RECOMBINATION IN ROCKET NOZZLES,
N66-13167 21I U 41 09 HC$ 2.00 MF$ 0.50

ROCKET MOTOR NOZZLES, SEALS(STOPPERS)
BONDLESS 'HIGH PERFORMANCE' ROCKET NOZZLE CLOSURE.
PATENT 3,228,334 21H U 41 10

ROCKET MOTORS(LIQUID PRO PELLANT), COMBUSTION
THEORETICAL CONSIDERATIONS RELATING TO THE EFFECT OF INJECTOR DESIGN ON UNSTABLE BURNING OF LIQUID PROPELLANT ROCKET MOTORS.
AD-462 337 21B U 41 10 HC$ 6.60

ROCKET MOTORS(SOLID PROPELLANT), ACOUSTIC PROPERTIES
INTERACTION BETWEEN SOUND AND FLOW IN ACOUSTIC CAVITIES: MASS, MOMENTUM, AND ENERGY CONSIDERATIONS,
AD-458 424 21H U 41 09 HC$ 2.00

ROCKET MOTORS(SOLID PROPELLANT), CAPTIVE TESTS
DESIGN, TEST, AND DOCUMENTATION OF THE MARC 36 A1, 1 KS-75 SPIN MOTOR FOR THE SCOUT VEHICLES.
N66-14156 21H U 41 09 HC$ 2.00 MF$ 0.50

ROCKET MOTORS(SOLID PROPELLANT), IMPACT TESTS
SEISMIC DISTURBANCES GENERATED BY TITAN III 624A SOLID MOTOR SLED TEST,
PB-169 340 8K U 41 09 HC$ 3.60 MF$ 0.50

ROCKET MOTORS(SOLID PROPELLANT), ACOUSTICS
AN EXPERIMENTAL INVESTIGATION OF SOME OF THE ACOUSTIC ATTENUATION SOURCES IN THE TE-M-388 (IROQUOIS) ROCKET MOTOR.
AD-630 920 21H T 66 10 HC$ 5.60 MF$ 0.50

ROCKET MOTORS(SOLID PROPELLANT), STABILITY
SOLID PROPELLANT INSTABILITY OF COMBUSTION 1964. APPENDIX I: THEORY OF ACOUSTIC INSTABILITY IN SOLID ROCKET COMBUSTION. APPENDIX II: EXPERIMENTAL SOLID ROCKET COMBUSTION INSTABILITY.
AD-476 299 21H U 41 10 HC$ 3.00 MF$ 0.75

ROCKET MOTORS, FAILURE(MECHANICS)
INVESTIGATION OF HYDROTEST FAILURE OF THIOKOL CHEMICAL CORPORATION 260-INCH-DIAMETER SL-1 MOTOR CASE,
N66-14708 21H U 41 09 HC$ 3.00 MF$ 1.00

ROCKET PLANES, PERFORMANCE(ENGINEERING)
ESTIMATED PERFORMANCE REPORT FOR THE ADVANCED X-15A-2 AIRPLANE WITH ONE YLR-99-RM-1 ENGINE, NAA MODEL NO. NA-240-2.
AD-452 641 18 U 41 10 HC$ 3.00

ROCKET PROPELLANTS, BURNING RATE
BASE PROPELLANTS OF INCREASED BURNING RATE CONTAINING BENZOPHENONES.
PATENT 3,228,815 21I U 41 10

ROCKET PROPELLANTS, GASES
REACTION KINETICS OF ROCKET PROPELLANT GASES: I. RATE OF DECOMPOSITION OF NITRIC OXIDE AT ELEVATED TEMPERATURES.
PB-169 143 21I U 41 09 HC$ 1.00 MF$ 0.50

ROCKET PROPELLANTS, THERMODYNAMICS
THERMODYNAMIC PROPERTIES OF PROPELLANT COMBUSTION PRODUCTS.
AD-630 634 21B T 66 10 HC$ 1.00 MF$ 0.50

ROCKETS, AERODYNAMIC CHARACTERISTICS
STATIC AERODYNAMIC CHARACTERISTICS OF A ROCKET VEHICLE WITH THICK WEDGE FINS AND SWEPTBACK LEADING AND TRAILING EDGES,
N66-14153 20D U 41 09 HC$ 1.00 MF$ 0.50

ROCK(GEOLOGY), CONSTRUCTION
MATERIALS INVENTORY OF ELLIS COUNTY, KANSAS.
PB-169 485 138 U 41 10 HC$ 6.00 MF$ 1.25

MATERIALS INVENTORY OF SHERMAN COUNTY, KANSAS.
PB-169 488 138 U 41 10 HC$ 4.00 MF$ 1.00

ROCK(GEOLOGY), NUCLEAR EXPLOSION DAMAGE
FEASIBILITY OF MODELING CAVITY BEHAVIOR IN JOINTED ROCK MASSES.
AD-631 028 18C T 66 10 HC$14.60 MF$ 1.00

ROCK(GEOLOGY, ELECTRICAL CONDUCTANCE
ON THE PROPAGATION OF VLF WAVES IN SOLID MEDIA.
AD-631 046 20N T 66 10 HC$ 4.00 MF$ 0.75

RODENTICIDES, PLANTS(BOTANY)
MECHANISM OF RODENTICIDAL ACTIVITY OF GLIRICIDIA SEPIUM.
AD-631 002 6F T 66 10 HC$ 1.00 MF$ 0.50

RODENTS, HIBERNATION
CARDIAC OUTPUT IN HIBERNATING GROUND SQUIRRELS,
AD-631 018 6C T 66 10

RODS, PHOTOELASTICITY
A RE-EXAMINATION OF STRESSES IN A TENSION BAR WITH SYMMETRICAL U-SHAPED GROOVES.
AD-630 759 20K T 66 10

ROLLER BEARINGS, STRESSES
EXPERIMENTAL DETERMINATION OF STRESSES IN FREE WHEELING ROLLER MECHANISMS,
AD-630 740 13I T 66 10

ROTARY COMPRESSORS, HYPERSONIC WIND TUNNELS
AN ANALYTICAL STUDY OF THE SUPERSONIC COMPRESSOR AS A MEANS OF OBTAINING HYPERSONIC FLOW SIMULATION AT LOW ALTITUDES.
AD-466 489 20D U 41 10 HC$ 4.60 MF$ 0.50

ROTORCHUTES, DESIGN
ROTA-VANE PARACHUTE.

PATENT 3,228,637 1C U 41 10

RUBBER, ADHESION
CERTAIN FACTORS DETERMINING THE FORMATION OF CHEMICAL BONDS ON THE BORDER OF ADHESIVE COMPOUND AND SUBSTRATE,
AD-630 744 11A T 66 10 HC$ 1.00 MF$ 0.50

RUBBER, ELASTICITY
MEASUREMENT OF RUBBER ELASTICITY AT LOW TEMPERATURES USING A TWIST RECOVERY APPARATUS.
AD-630 909 11J T 66 10 HC$ 2.00 MF$ 0.50

RUBIDIUM, FLUORESCENCE
LIGHT SOURCES FOR THE EXCITATION OF ATOMIC RESONANCE FLUORESCENCE IN POTASSIUM AND RUBIDIUM,
AD-630 216 20F T 66 09

RUBY, THERMAL EXPANSION
THERMALLY INDUCED EFFECTS IN SOLID STATE LASER RODS.
AD-630 608 20E T 66 10 HC$ 4.60 MF$ 0.50

RUNWAYS, MARKER LIGHTS
EVALUATION OF RUNWAY LIGHTING SYSTEMS FOR EFFECTIVENESS IN DENSE FOG.
PB-169 554 1E U 41 10 HC$ 6.00 MF$ 1.25

RURAL AREAS, ROADS
FARMS AND NEW HIGHWAYS: PROBLEMS AND ADJUSTMENTS,
PB-169 486 13B U 41 10 HC$ 2.00 MF$ 0.50

RUSSIAN SPRING SUMMER ENCEPHALITIS VIRUS, REVIEWS
CURRENT STATUS OF THE TICK-BORNE ENCEPHALITIS PROBLEM,
AD-630 845 6M T 66 10 HC$ 1.60 MF$ 0.50

SADDLE POINT METHOD, THEORY
CONTRIBUTIONS TO THE THEORY OF THE METHOD OF STEEPEST DESCENT I.
AD-630 746 12A T 66 10 HC$ 3.60 MF$ 0.50

SAFETY DEVICES, ROADS
DYNAMIC FULL SCALE IMPACT TESTS OF CABLE TYPE MEDIAN BARRIERS TEST SERIES IX,
PB-169 513 13B U 41 10 HC$ 3.00 MF$ 0.75

SALIVARY GLANDS, SECRETION
A METHOD FOR THE SIMULTANEOUS REGISTRATION OF SOME INDICES OF THE ACTIVITY OF THE SALIVARY GLAND,
AD-630 993 6P T 66 10 HC$ 1.10 MF$ 0.50

SALTS, IONIC CURRENT
DIFFUSION, MOBILITE ELECTRIQUE ET INTER- ACTIONS IONIQUES DANS LES SELS FONDUS (DIFFUSION ELECTRICAL MOBILITY AND IONIC INTERACTIONS IN MOLTEN SALTS.)
PB-169 233 7D U 41 09 HC$ 3.00 MF$ 0.75

SAMARIUM, REACTOR POISONS
XENON AND SAMARIUM TABLES,
DP-958 18K U 41 09 HC$ 6.00 MF$ 1.25

SAMPLING, ATMOSPHERE MODELS
AN APPLICATION OF SAMPLING THEORY TO THE REDUCTION OF IONOGRAMS,
N66-13567 4A U 41 09 HC$ 3.00 MF$ 0.75

SANDWICH CONSTRUCTION, DYNAMICS
DYNAMIC RESPONSE OF ORTHOTROPIC CYLINDRICAL SANDWICH SHELLS UNDER INITIAL STRESS,
AD-630 426 20K T 66 09 HC$ 2.00 MF$ 0.50

SANDWICH CONSTRUCTION, STRESSES
LOCAL AND BENDING STRESSES IN LAYERED MATERIALS WITH BONDED INTERFACE.
AD-629 898 20K T 66 09 HC$ 4.00 MF$ 0.75

SAND, SHOCK WAVES
A STUDY OF THE PROPAGATION OF STRESS WAVES IN SAND.
AD-630 792 8M T 66 10 HC$ 6.00 MF$ 1.25

SAPPHIRES, ELECTRICAL PROPERTIES
INTERFACIAL POLARIZATION AND ELECTRICAL CONDUCTIVITY IN SAPPHIRE,
AD-630 345 20C T 66 09

SATELLITE TRACKING SYSTEMS, DOPPLER SYSTEM
ORBITAL ELEMENTS FROM DOPPLER TRACKING OF THREE SATELLITES,
AD-630 034 22C T 66 09 HC$ 1.60 MF$ 0.50

SATELLITE TRACKING SYSTEMS, GEODESICS
ERROR STUDY OF A WORLDWIDE SATELLITE TRIANGULATION NET,
AD-630 781 8E T 66 10 HC$ 7.60 MF$ 0.75

SATELLITE TRACKING SYSTEMS, METEOROLOGICAL SATELLITES
COMMAND AND DATA ACQUISITION STATION STUDY FOR OPERATIONAL METEOROLOGICAL SATELLITES,
PB-169 323 17B U 41 10 HC$11.60 MF$ 0.75

SATELLITE TRACKING SYSTEMS, RADIO RECEIVERS
MINATURIZED RECEIVER FOR LOW ACCURACY TIME RECOVERY.
AD-462 618 17B U 41 10 HC$ 4.60

SATELLITE TRAJECTORIES, MAGNETIC FIELDS
THE PASSIVE MAGNETIC ORIENTATION OF SATELLITE INJUN 3.
AD-466 637 22C U 41 10 HC$ 4.60 MF$ 0.50

SATELLITES(ARTIFICAL), DATA
SATELLITE SITUATION REPORT, VOLUME 5, NO. 2.
N66-12973 22C U 41 09 HC$ 3.00 MF$ 0.50

SATELLITES(ARTIFICIAL), COATINGS
TWO NEW COATINGS FOR SATELLITE TEMPERATURE CONTROL.
AD-630 036 22B T 66 09 HC$ 2.60 MF$ 0.50

SATELLITES(ARTIFICIAL), INCLINED ORBIT TRAJECTORIES
ON THE NUMERICAL THEORY OF SATELLITES WITH HIGHLY INCLINED ORBITS.
N66-13018 22C U 41 09 HC$ 2.00 MF$ 0.50

SATELLITES(ARTIFICIAL), LOW ALTITUDE
OPTIMIZATION OF FREQUENCIES FOR LOW-ALTITUDE SPACE COMMUNICATION,
AD-463 140 17B U 41 10 HC$ 2.60

SATELLITES(ARTIFICIAL), MOTION
A STUDY OF THE EFFECT OF MAN'S MOTION ON THE ATTITUDE AND ORBITAL MOTION OF A SATELLITE.
AD-630 890 22A T 66 10 HC$14.60 MF$ 1.00

SATELLITES(ARTIFICIAL), OPTICAL TRACKING
NASA/MOTS OPTICAL OBSERVATIONS OF THE ANNA I B SATELLITE,
N66-14236 17H U 41 09 HC$ 1.00 MF$ 0.50

SATELLITES(ARTIFICIAL), POLAR ORBIT TRAJECTORIES
AN OBSERVATION OF THE SATELLITE PERTURBATION PRODUCED BY THE SOLAR TIDE.
AD-467 993 22C U 41 10 HC$ 2.60 MF$ 0.50

SATELLITES(ARTIFICIAL), SPACE COMMUNICATION SYSTEMS
CODING SCHEMES FOR ADDITIVE NOISE CHANNELS WITH FEEDBACK.
N66-13559 9D U 41 09 HC$ 3.00 MF$ 0.50

SATELLITES(ARTIFICIAL), WIND TUNNEL MODELS
AERODYNAMIC FORCES ON A MODEL CONSTRUCTED FROM WIRE CLOTH IN LOW DENSITY HYPERSONIC FLOW,
AD-630 630 20D T 66 10 HC$ 2.00 MF$ 0.50

SATURN(PLANET), RINGS
REDISCUSSION OF MAXWELL'S ADAMS PRIZE ESSAY ON THE STABILITY OF SATURN'S RINGS. II,
AD-630 964 3B T 66 10

SCALERS, GATES(CIRCUITS)
GATE RING COUNTERS AND THEIR POSSIBLE ADVANTAGES IN LOW POWER MICROELECTRONIC SYSTEMS.
AD-630 038 9E T 66 09 HC$ 2.00 MF$ 0.50

SCALERS, RELAXATION OSCILLATORS
FAST HYBRID BISTABLE MULTIVIBRATORS,
TID-21930 9C U 41 09 HC$ 3.00 MF$ 0.75

SCANNING, TELEVISION CAMERAS
UNIQUE SCAN CLOSED-LOOP TELEVISION SYSTEM.
AD-630 905 17B T 66 10 HC$ 4.00 MF$ 1.00

SCANNING, TRAINING DEVICES
LASERS FOR TRAINING DEVICES STUDY.
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SCHEDULING, INDUSTRIAL PRODUCTION
THE SCHEDULING OF LARGE PROJECTS WITH LIMITED RESOURCES.
AD-469 503 5I U 41 09 HC$14.60 MF$ 1.00

SCIENTIFIC ORGANIZATIONS, CANADA
THE CASE FOR AN INSTITUTE OF NATIONAL STUDIES,
AD-629 945 5A T 66 09

SCIENTIFIC RESEARCH, CANADA
RESEARCH INSTITUTIONS IN SCIENCE AND ENGINEERING,
AD-629 979 5A T 66 09

SCIENTIFIC RESEARCH, DOCUMENTATION
RECORDS OF RESEARCH AND DISCOVERY, NEGLECTED ASSETS OF SCIENCE. I. SOME PROBLEMS AND THEIR BACKGROUND,
PB-169 412 5B U 41 09 HC$ 1.10 MF$ 0.50

SCIENTIFIC RESEARCH, REVIEWS
FOREIGN SCIENCE BULLETIN, VOLUME 2, NO. 3.
AD-630 191 5A T 66 09 HC$ 3.00 MF$ 0.75

SCIENTIFIC RESEARCH, USSR
PROTECTIVE STRUCTURES AND COMPONENTS: COMPILATION OF ABSTRACTS.
AD-630 325 5A T 66 09 HC$ 2.00 MF$ 0.50

SCIENTIFIC SATELLITES, COMMAND AND CONTROL SYSTEMS
COMMAND SYSTEM STUDY FOR THE OPERATION AND CONTROL OF UNMANNED SCIENTIFIC SATELLITES. TASK III. COMMAND SYSTEM INTERFERENCE.
N66-13090 17B U 41 09 HC$ 3.00 MF$ 0.50

SCIENTIFIC SATELLITES, GEODESICS
GEODETIC SATELLITE TELEMETRY SUBSYSTEM RELIABILITY ASSESSMENT,
N66-13154 9F U 41 09 HC$ 1.00 MF$ 0.50

SCIENTIFIC SATELLITES, RADIATION MEASUREMENT SYSTEM
LOW-ENERGY PROTON AND ELECTRON EXPERIMENT FOR THE ORBITING GEOPHYSICAL OBSERVATORIES B AND E.
AD-466 638 4A U 41 10 HC$ 3.60 MF$ 0.50

SCIENTIFIC SATELLITES, SATELLITE TRAJECTORIES
THE PASSIVE MAGNETIC ORIENTATION OF SATELLITE INJUN 3.
AD-466 637 22C U 41 10 HC$ 4.60 MF$ 0.50

SCINTILLATION COUNTERS, CHARGED PARTICLES
SCINTILLATION SELECTOR FOR LOW ENERGY CHARGED PARTICLES.
PATENT 3,229,091 18D U 41 10

SCINTILLATION, INFRARED RADIATION
THE APPARENT DEPENDENCE OF TERRESTRIAL SCINTILLATION INTENSITY UPON ATMOSPHERIC HUMIDITY.
AD-630 117 4A T 66 09 HC$ 2.00 MF$ 0.50

SEA WATER, PARTICLES
CHARACTERIZATION OF PARTICULATE MATTER IN THE OCEAN.
AD-631 146 8J T 66 10 HC$ 1.00 MF$ 0.50

SEACOAST, MARINE GEOLOGY
THE EXPLANATORY DESCRIPTION OF COASTS.
AD-630 082 8J T 66 09

SEAFOOD, PRESERVATION
RADIATION PRESERVATION OF FISH AND SHELLFISH OF THE NORTHEAST PACIFIC AND GULF OF MEXICO.
CONF-640909-10 6H U 41 09 HC$ 2.00 MF$ 0.50

SEALS(STOPPERS), STABILITY
DYNAMIC INSTABILITY OF UNDAMPED BELLOWS FACE SEALS IN CRYOGENIC LIQUID.
N66-14758 11A U 41 09 HC$ 1.00 MF$ 0.50

SEALS, GAS-COOLED REACTORS
A BIBLIOGRAPHY ON DYNAMIC SHAFT SEALS.
TID-21379 11A U 41 09 HC$ 4.00 MF$ 0.75

SEARCH THEORY, MATHEMATICAL MODELS
SEARCH-THEORETIC MODELS OF ORGANIZATION CONTROL BY BUDGETED MULTIPLE GOALS.
AD-630 097 5A T 66 09

SEDIMENTATION, LOUISIANA
SEDIMENTARY STRUCTURES: MISSISSIPPI RIVER DELTAIC PLAIN.
AD-630 031 8H T 66 09

SEISMIC WAVES, PROPAGATION
REFLECTION AND REFRACTION OF ELASTIC WAVES AT A CORRUGATED INTERFACE.
AD-631 134 8K T 66 10

SEISMIC WAVE PROPAGATION.
PB-169 337 8K U 41 09 HC$ 3.60 MF$ 0.50

SEISMOGRAPHS, DIGITAL RECORDING SYSTEMS
DIGITAL SEISMOGRAPH SYSTEM.
AD-406 895 8K U 41 09 HC$16.80

SEISMOLOGY, ALASKA
FREE OSCILLATIONS EXCITED BY THE ALASKAN EARTHQUAKE.
AD-630 404 8K T 66 09

SEISMOLOGY, BIBLIOGRAPHIES
VESIAC MONTHLY BULLETIN OF VELA UNIFORM RESEARCH PUBLICATIONS.
AD-631 055 8K T 66 10 HC$ 1.60 MF$ 0.50

AD-631 056 8A T 66 10 HC$ 1.60 MF$ 0.50

SEISMOLOGY, DATA PROCESSING SYSTEMS
APPLICATIONS AND DEVELOPMENT OF POLARIZATION (REMODE) FILTERS.
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SEISMOLOGY, DETECTION
SEISMIC DISCRIMINATION.
AD-630 559 17J T 66 10 HC$ 3.00 MF$ 0.75

SEISMOLOGY, EARTHQUAKES
SOURCE MECHANISM STUDY OF THE ALASKA EARTHQUAKE AND TSUNAMI OF 27 MARCH 1964. PART I. WATER WAVES. PART II. ANALYSIS OF RAYLEIGH WAVE.
AD-629 857 8K T 66 09 HC$ 2.00 MF$ 0.50

SEISMOLOGY, FLORIDA
SEISMIC NOISE SURVEY, PATRICK AIR FORCE BASE, FLORIDA.
PB-169 336 8K U 41 09 HC$ 2.60 MF$ 0.50

SEISMOLOGY, GEOPHYSICAL PROSPECTING
SEISMIC ARRIVALS FROM THE EARTH'S UPPER MANTLE.
AD-629 971 8K T 66 09

NEAR-VERTICAL-INCIDENCE SEISMIC REFLECTIONS FROM THE 'CONRAD' DISCONTINUITY.
AD-629 974 8K T 66 09

SEISMOLOGY, IMPACT TESTS
SEISMIC DISTURBANCES GENERATED BY TITAN III 624A SOLID MOTOR SLED TEST.
PB-169 340 8K U 41 09 HC$ 3.60 MF$ 0.50

SEISMOLOGY, MARYLAND
SEISMIC NOISE SURVEY. NASA GODDARD SPACE FLIGHT CENTER.
PB-169 339 8K U 41 09 HC$ 3.60 MF$ 0.50

SEISMOLOGY, MICROSEISMS
IDENTIFICATION AND ELIMINATION OF MICROSEISM NOISE AT DEPTH USING THEORETICAL RAYLEIGH WAVE AND OBSERVED NOISE DISPLACEMENT.
AD-418 468 8K U 41 10 HC$11.60

SEISMOLOGY, NUCLEAR EXPLOSIONS
LONG RANGE SEISMIC MEASUREMENTS. CHARCOAL.
AD-631 043 17J T 66 10 HC$ 2.00 MF$ 0.50

LONG RANGE SEISMIC MEASUREMENTS - YUBA.
AD-631 105 17A T 66 10 HC$ 2.60 MF$ 0.50

SEISMIC WAVE PROPAGATION.
PB-169 337 8K U 41 09 HC$ 3.60 MF$ 0.50

SEISMIC DATA SUMMARY NUCLEAR DETONATION PROGRAM 1961 THROUGH 1963.
PB-169 338 8K U 41 09 HC$13.60 MF$ 1.00

SEISMIC EFFECTS FROM A NUCLEAR CRATERING EXPERIMENT IN BASALT.
PB-169 341 8K U 41 09 HC$ 6.60 MF$ 0.75

SEISMOLOGY, SEISMIC WAVES
OBSERVATION OF FREE OSCILLATIONS EXCITED BY A DEEP EARTHQUAKE.
AD-630 101 8K T 66 09

SEISMOLOGY, STRUCTURAL GEOLOGY
FIRST MOTIONS FROM SEISMIC SOURCES NEAR A FREE SURFACE.
AD-629 822 8K T 66 09

SEISMOLOGY, UNDERWATER EXPLOSIONS
LONG RANGE SEISMIC MEASUREMENTS. CHASE IV.
AD-631 052 17J T 66 10 HC$ 2.00 MF$ 0.50

SEISMOMETERS, ICE ISLANDS
SEISMOMETERS ON ARCTIC ICE FOR DETECTION OF UNDERWATER ACOUSTIC DISTURBANCES.
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SEISMOMETERS, MONTANA
SEISMIC DISCRIMINATION.
AD-630 559 17J T 66 10 HC$ 3.00 MF$ 0.75

SEISMOMETERS, UNDERGROUND
DEEP-HOLE SEISMOMETER.
AD-431 021 8K U 41 09 HC$13.60

SELENIUM, DETERMINATION
AN INVESTIGATION OF COMPUTER COUPLED AUTOMATIC ACTIVATION ANALYSIS AND REMOTE LUNAR ANALYSIS.
N66-15064 14B U 41 10 HC$ 3.00 MF$ 0.75

SEMANTICS, THEORY
THE STRUCTURE OF A SEMANTIC THEORY.
PB-169 674 5B U 41 10 HC$ 4.60 MF$ 0.50

SEMI CONDUCTORS, LASERS
OPTICAL COMMUNICATIONS EMPLOYING SEMICONDUCTOR LASERS.
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SEMICON DUCTORS, PHOTOEMISSION
SOME INTENSITY MEASUREMENTS IN THE VACUUM ULTRAVIOLET.
N66-15053 20L U 41 10 HC$ 3.00 MF$ 0.75

SEMICONDUCTING FILMS, INFRARED IMAGES
THIN FILM IMAGE CONVERTER.
AD-453 855 20L U 41 09 HC$ 4.60

SEMICONDUCTOR DEVICES, COMPUTER LOGIC
INTEGRATED CIRCUITS FOR FIELDATA COMPUTERS.
AD-631 027 9A T 66 10 HC$ 2.00 MF$ 0.50

SEMICONDUCTOR DEVICES, MANUFACTURING METHODS
HIGH SPEED SEMICONDUCTOR SWITCH (TWO TERMINAL) AND HIGH SPEED SEMICONDUCTOR SWITCH (GATE).
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SEMICONDUCTOR DEVICES, PIEZOELECTRIC CRYSTALS
TWO-PORT NETWORK PARAMETERS OF THE PIEZOELECTRIC SEMICONDUCTOR ELECTROACOUSTIC AMPLIFIER.
AD-631 035 9E T 66 10 HC$15.40 MF$ 1.00

SEMICONDUCTORS, ABSORPTION SPECTRUM
EFFECT OF CHARGED SURFACES ON THE OPTICAL ABSORPTION EDGE.
AD-630 184 20F T 66 09

SEMICONDUCTORS, CARRIERS(SEMICONDUCTORS)
MEASUREMENT OF MINORITY CARRIER LIFETIME IN GERMANIUM AND SILICON BY THE SPREADING RESISTANCE PHOTO DECAY METHOD. CALORIMETRIC METHOD OF MEASURING ABSORBED POWER IN ELECTROLUMINESCENCE.
AD-630 930 20C T 66 10 HC$ 2.00 MF$ 0.50

SEMICONDUCTORS, ELECTRIC CURRENT
GUNN EFFECT IN COMPOUND SEMICONDUCTORS.
AD-630 194 20L T 66 09 HC$ 3.00 MF$ 0.50

SEMICONDUCTORS, ELECTRICAL CONDUCTANCE
IMPURITY CONDUCTIVITY IN SINGLE CRYSTAL CDS.
AD-630 491 20L T 66 09

SEMICONDUCTORS, ELECTRICAL PROPERTIES
OPTICAL AND ELECTRICAL PROPERTIES OF DIAMOND.
AD-631 044 20L T 66 10 HC$ 1.60 MF$ 0.50

SEMICONDUCTORS, ELECTRON BOMBARDMENT
INVESTIGATION OF TRANSIENT RADIATION DAMAGE IN SEMICONDUCTOR MATERIALS.
AD-630 701 20L T 66 10 HC$ 2.00 MF$ 0.50

AD-630 701 20L T 66 10 HC$ 2.00 MF$ 0.50

SEMICONDUCTORS, MASS SPECTROSCOPY
THE MEASUREMENT OF BORON AND OTHER IMPURITIES IN SEMICONDUCTOR MATERIALS BY MASS SPECTROMETRY.
AD-629 999 14B T 66 09 HC$29.30 MF$ 1.50

MICONDUCTORS, OPTICAL PHENOMENA
FINAL TECHNICAL REPORT, JUNE 1, 1963-JUNE 1, 1965.
AD-630 452 20L T 66 09 HC$ 2.00 MF$ 0.50

SEMICONDUCTORS, PHOTOCONDUCTIVITY
MEASUREMENT OF THE LIFETIME OF MINORITY CURRENT CARRIERS IN GE AND SI BY OBSERVING THE PHOTOCONDUCTIVE DECAY OF THE SPREADING RESISTANCE UNDER A POINT CONTACT.
AD-631 102 20L T 66 10 HC$ 1.00 MF$ 0.50

MEASUREMENT OF THE LIFETIME OF MINORITY CURRENT CARRIERS IN SEMICONDUCTORS BY OBSERVING THE PHOTOCONDUCTIVE DECAY OF THE

SPREADING RESISTANCE UNDER A POINT CONTACT.
AD-631 119 20L T 66 10 HC$ 2.00 MF$ 0.50

SEMICONDUCTORS, PORPHRINS
ELECTRICAL PROPERTIES OF SOME PORPHYRINS UNDER HIGH PRESSURE.
AD-631 110 7D T 66 10

SEMICONDUCTORS, RADIATION DAMAGE
RADIATION EFFECTS ON (MONOLITHIC) MICROELECTRONIC CIRCUITS.
AD-629 948 9A T 66 09 HC$ 2.00 MF$ 0.50

RADIATION DAMAGE TO SEMICONDUCTORS BY HIGH-ENERGY ELECTRON AND PROTON RADIATION.
N66-13643 20L U 41 09 HC$ 3.00 MF$ 0.75

SEMICONDUCTORS, SURFACE PROPERTIES
STUDY OF SURFACE PROPERTIES OF ATOMICALLY-CLEAN METALS AND SEMICONDUCTORS. PART I. STUDY OF CDS SURFACES BY LEED. PART II. COMBINED LEED AND MASS SPECTROMETER MEASUREMENTS FOR ADSORPTION AND CATALYSIS.
AD-630 863 20L T 66 10 HC$ 4.60 MF$ 0.50

SEMICONDUCTORS, THERMAL CONDUCTIVITY
DESIGN AND CONSTRUCTION OF A SYSTEM FOR THERMAL CONDUCTIVITY MEASUREMENTS IN THE TEMPERATURE RANGE 4 TO 300K.
AD-630 162 14B T 66 09

SEMICONDUCTORS, THERMOELECTRICITY
BASIC STUDIES ON THERMOELECTRIC MATERIALS.
AD-421 570 20L U 41 10 HC$ 1.60

AD-430 186 20L U 41 10 HC$ 1.60

AD-445 831 20L U 41 10 HC$ 9.60

SEMICONDUCTORS, TRANSISTORS
INSULATED-GATE FIELD-EFFECT TRANSISTOR USING SINGLE CRYSTAL CADMIUM SULFIDE.
AD-630 680 9A T 66 10

SEMICONDUCTORS, TRANSPORT PROPERTIES
THERMAL AND ELECTRICAL CONDUCTIVITY OF IMPURE INDIUM ANTIMONIDE.
AD-630 161 20L T 66 09

SENSORY PERCEPTION, INFORMATION THEORY
MAN'S SENSES AS INFORMATIONAL CHANNELS,
AD-630 025 6P T 66 09 HC$ 7.60 MF$ 0.75

SEPARATION, ION EXCHANGE
PROCESS FOR SEPARATING RARE-EARTH ELEMENTS BY ION EXCHANGE.
PATENT 3,228,750 11F U 41 10

SEQUENCES, COMPUTER LOGIC
CONVOLUTIONAL TRANSFORMATIONS OF BINARY SEQUENCES: BOOLEAN FUNCTIONS AND THEIR RESYNCHRONIZING PROPERTIES,
AD-630 625 9B T 66 10 HC$ 2.00 MF$ 0.50

SEQUENTIAL ANALYSIS, COMPUTER LOGIC
AUTONOMOUS CLOCKS IN SEQUENTIAL MACHINES,
AD-629 851 9B T 66 09

SERIES, FUNCTIONAL ANALYSIS
EIGENFUNCTION EXPANSIONS IN BANACH SPACES.
AD-630 536 12A T 66 10 HC$ 2.00 MF$ 0.50

SERIES, NUMERICAL ANALYSIS
A USER'S GUIDE TO BOMM. A SYSTEM OF PRO- GRAMS FOR THE ANALYSIS OF TIME SERIES,
AD-629 877 9B T 66 09 HC$ 4.00 MF$ 0.75

SERIES, THEOREMS
SETS OF UNIQUENESS ON THE GROUP 2 (OMEGA),
AD-630 397 12A T 66 09

SERODIAGNOSIS, NEISSERIA MENINGITIDIS
MICROAGGLUTINATION TECHNIQUE FOR NEISSERIA MENINGITIDIS,
AD-630 581 6M T 66 10

SERUM ALBUMIN, COLLOIDS
EMULSIFYING PROPERTIES OF BLOOD ALBUMIN AND ITS APPLICATION IN FOOD EMULSION PRODUCTION,
AD-630 854 2A T 66 10 HC$ 1.10 MF$ 0.50

SERVOMECHANISMS, SYSTEMS ENGINEERING
SINGLE PARAMETER TESTING APPLICATION,
N66-12255 9E U 41 09 HC$ 2.00 MF$ 0.50

SET THEORY, ALGEBRAS
BOOLEAN EMBEDDINGS OF ORTHOMODULAR SETS AND QUANTUM LOGIC,
AD-630 096 12A T 66 09

SET THEORY, COMBINATORAL ANALYSIS
ON EUCLIDEAN SETS HAVING ONLY TWO DISTANCES BETWEEN POINTS,
AD-630 751 12A T 66 10 HC$ 3.60 MF$ 0.50

SET THEORY, COMBINATORIAL ANALYSIS
AN INDUCTIVE METHOD FOR CONSTRUCTING MINIMAL BALANCED COLLECTIONS OF FINITE SETS,
AD-631 081 12A T 66 10

SET THEORY, DECISION THEORY
ON SELECTING A SUBSET CONTAINING THE BEST OF SEVERAL DISCRETE DISTRIBUTIONS,
AD-630 663 12A T 66 10 HC$ 1.00

SET THEORY, PROGRAMMING LANGUAGES
BOUNDED REGULAR SETS,
AD-630 424 9B T 66 09 HC$ 1.00 MF$ 0.50

SHAFTS, COATINGS
A MECHANIZED METHOD OF COATING PROPELLER SHAFTS WITH A REINFORCED EPOXY RESIN,
AD-629 861 13H T 66 09 HC$ 1.00 MF$ 0.50

SHAFTS, SEALS
A BIBLIOGRAPHY ON DYNAMIC SHAFT SEALS,
TID-21379 11A U 41 09 HC$ 4.00 MF$ 0.75

SHALE, FRAGMENTATION
THE PARTICLE SIZE DISTRIBUTION AND BULK PERMEABILITY OF OIL SHALE RUBBLE,
UCRL-14294 18C U 41 09 HC$ 1.00 MF$ 0.50

SHEAR STRESSES, SPHERES
AN EVALUATION OF THE EFFECT OF FINITE SHEAR STRAIN IN A SHALLOW, SPHERICAL SHELL,
N66-13098 20K U 41 09 HC$ 2.00 MF$ 0.50

SHEETS, REFRACTORY METAL ALLOYS
EVALUATION OF REFRACTORY SHEET METALS-PART II.
AD-630 771 11F T 66 10 HC$ 1.00 MF$ 0.50

SHELTERS, CLOSED ECOLOGICAL SYSTEMS
EXPERIMENTAL EVALUATION OF ENVIRONMENTAL CONTROL SYSTEMS FOR CLOSED SHELTERS,
AD-445 002 6K U 41 10 HC$ 7.60

SHELTERS, DESIGN
SHELTER ELECTRICAL EQUIPMENT S-318()/G.
AD-465 120 13D U 41 10 HC$10.60 MF$ 0.75

SHELTERS, DOSE RATES
DOSE-ATTENUATION VARIATION WITH INCIDENT GAMMA-RAY ENERGY IN TWO-LEGGED CONCRETE AND STEEL DUCTS.
AD-630 697 6R T 66 10 HC$ 2.00 MF$ 0.50

SHELTERS, EXPANDABLE STRUCTURES
RESEARCH AND EXPERIMENTATION ON UNIQUE EXPANDABLE SHELTER CONCEPTS FOR LIMITED WAR APPLICATIONS.
AD-630 635 13M T 66 10 HC$ 4.00 MF$ 1.00

SHIELDING, GAMMA RAYS
PENETRATION OF PLANE NORMAL AND PLANE SLANT GAMMA RAYS THROUGH SLABS OF ALUMINUM AND STEEL. II. ANGULAR AND ENERGY SPECTRA (PHOTON NUMBER FLUX).
PB-169 640 18F U 41 10 HC$ 4.60

SHIELDING, SPACE ENVIRONMENTAL CON DITIONS
AN ANNOTATED BIBLIOGRAPHY ON MOTION OF CHARGED PARTICLES IN MAGNETIC FIELDS AND MAGNETIC SHIELDING AGAINST SPACE RADIATION,
N66-13563 18F U 41 09 HC$ 2.00 MF$ 0.50

SHIP DECKS, COATINGS
SYNTHETIC MATERIALS IN SHIP CONSTRUCTION AND REPAIR,
AD-630 283 13I T 66 09 HC$ 1.10 MF$ 0.50

SHIP HULLS, DESIGN
THE HULL PROPELLER RELATIONSHIP OF THE OCEANOGRAPHIC RESEARCH SHIP T-AGOR,
AD-630 817 13J T 66 10 HC$ 2.00 MF$ 0.50

SHIP HULLS, SURFACE PROPERTIES
FOULING OF SHIPS' BOTTOMS; EFFECT OF PHYSICAL CHARACTER OF SURFACE,
AD-630 692 13J T 66 10 HC$ 2.60 MF$ 0.50

SHIP MODELS, MOTION
SHIP MODEL TESTS IN IRREGULAR SEAS AND CORRELATION WITH FULL SCALE TRIALS.
AD-630 430 13J T 66 09 HC$ 3.00 MF$ 0.75

SHIP STRUCTURAL COMPONENTS, STRESSES
A DESIGN PROCEDURE FOR DETERMINING THE CONTRIBUTION OF DECKHOUSES TO THE LONGITUDINAL STRENGTH OF SHIPS,
AD-630 816 13J T 66 10 HC$ 3.00 MF$ 0.50

SHIP TURBINES, USSR
BASIC RESULTS OF TESTING THE FIRST SOVIET GAS TURBINE INSTALLATION (GTU-20) FOR OCEANGOING SHIPS,
AD-630 742 21E T 66 10 HC$ 2.00 MF$ 0.50

SHIPPING(MARINE), NUCLEAR POWERED VESSELS
PROCEEDINGS OF THE CONFERENCE ON NUCLEAR MARINE PROPULSION HELD AT VIRGINIA POLY -TECHNIC INSTITUTE, BLACKSBURG, VIRGINIA, AUGUST 10-13, 1964.
CONF-640810 21F U 41 09 HC$ 2.25 MF$ 1.25

SHIPS(NONMILITARY), DESIGN
IN DEFENSE OF CERTAIN CONDITIONS IN THE DESIGNING OF FISHING TRAWLERS,
AD-630 739 13J T 66 10

SHIPS, DESIGN
PRELIMINARY EVALUATION OF A LARGE-BULB SHIP FOR HIGH-SPEED OPERATION IN SMOOTH WATER AND IN ROUGH SEAS,
AD-441 927 13J U 41 09 HC$ 4.60

CONCEPT FORMULATION AND SHIP DESIGN - THE NEW WAY,
AD-630 815 13J T 66 10 HC$ 1.00 MF$ 0.50

SHIPS, ELECTRIC POWER PRODUCTION
NEW SOURCES OF ELECTRICAL ENERGY FOR SHIPS,
AD-630 285 10B T 66 09 HC$ 4.00 MF$ 0.75

SHIPYARDS, MANAGEMENT PLANNING
RELIABILITY PROGRAM PLAN FOR A DEVELOPMENT SHIPBOARD SYSTEM,
AD-630 821 13J T 66 10 HC$ 2.00 MF$ 0.50

SHOCK WAVES, PROBES(ELECTROMAGNETIC)

A MICROWAVE TECHNIQUE FOR STUDYING DETONATION PHENOMENA,
AD-469 632 19D U 41 09 HC$ 1.00 MF$ 0.50

SHOCK TUBES, DESIGN
SHOCK TUBE SPECTROSCOPY LABORATORY, ANNUAL REPORT,
AD-629 958 14B T 66 09 HC$ 1.10 MF$ 0.50

SHOCK TUBES, HEATING
AN EXPERIMENTAL INVESTIGATION OF INTERNAL RESISTANCE SHOCK TUBE DRIVER GAS HEATING SYSTEMS.
N66-13849 13A U 41 09 HC$ 4.00 MF$ 1.00

SHOCK WAVES, PROPAGATION
POSSIBLE OCCURRENCE OF BOUNDARY SHOCK WAVES,
N66-14390 20D U 41 09 HC$ 3.00 MF$ 0.50

SHOCK WAVES, ABLATION
A SUMMARY OF CALCULATIONS OF CHEMICAL AND FLUID DYNAMIC PARAMETERS IN THE SAPAG FACILITY,
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SHOCK WAVES, EQUATIONS
SHOCK WAVE STRUCTURE IN A DUSTY ABLATING GAS,
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ON THE USE OF THE SHOCK LAYER APPROXIMATION IN THE INVERSE HYPERSONIC BLUNT BODY PROBLEM,
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SHOCK WAVES, KINETIC THEORY
RE-ENTRY PHYSICS RESEARCH.
AD-467 092 4A U 41 10 HC$ 1.60 MF$ 0.50

SHOCK WAVES, MEASUREMENT
ELECTRON DENSITY AND IONIZATION PHENOMENA IN SHOCK WAVES.
AD-631 006 20D T 66 10 HC$ 2.60 MF$ 0.50

SHOCK WAVES, PROPAGATION
PROPAGATION OF A STRONG DISCONTINUITY IN AN INHOMOGENEOUS ATMOSPHERE.
AD-630 769 20D T 66 10 HC$ 1.60 MF$ 0.50

FORMATION OF THE FLOW UPSTREAM OF A SHOCK WAVE EXPELLED FROM A NOZZLE,
AD-630 867 20D T 66 10 HC$ 1.10 MF$ 0.50

ON THE MIXING THEORY OF CROCCO AND LEES AND ITS APPLICATION TO THE INTERACTION OF SHOCK WAVE AND LAMINAR BOUNDARY LAYER. PART I. GENERALS AND FORMULATION,
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SHOCK WAVES, SAND
A STUDY OF THE PROPAGATION OF STRESS WAVES IN SAND.
AD-630 792 8M T 66 10 HC$ 6.00 MF$ 1.25

SHOCK WAVES, SOLAR ATMOSPHERE
THE EQUILIBRIUM STATE OF A SHOCK-HEATED ATMOSPHERE,
AD-631 162 3B T 66 10

SHROUDED PROPELLERS, THRUST
SHROUDED PROPELLER TESTS OF THE EFFECT OF SHROUD CAMBER ON THE THRUST COEFFICIENT FOR MINIMUM SHROUD DRAG,
AD-465 895 1C U 41 09 HC$ 1.00 MF$ 0.50

SIBERIA, RIVERS
ENERGY OF THE SIBERIAN RIVERS AND THE NORTHERN SEA ROUTE,
AD-630 327 8H T 66 09 HC$ 1.00 MF$ 0.50

SIDE-LOOKING RADAR, RADAR DUPLEXERS
DUPLEXER FOR SIDE-LOOKING RADAR.
AD-454 808 17I U 41 10 HC$ 3.60

SIGMA HYPERONS, RESONANCE
POSSIBLE THEORETICAL INTERPRETATIONS OF THE T=2 PI-SIGMA RESONANCE,
AD-630 517 20J T 66 09

SILANES, HEAT OF FORMATION
HEATS OF FORMATION OF SILICON TETRACHLORIDE, DIMETHYLDICHLOROSILANE AND DIPHENYLDICHLOR- OSILANE,
AD-630 715 7D T 66 10

SILICATES, PAINTS
SILICATE PAINTS MANUFACTURED,
AD-629 862 11C T 66 09 HC$ 1.00 MF$ 0.50

SILICON COMPOUNDS, HEAT OF FORMATION
HEATS OF FORMATION OF SILICON TETRACHLORIDE, DIMETHYLDICHLOROSILANE AND DIPHENYLDICHLOR- OSILANE,
AD-630 715 7D T 66 10

SILICONE PLASTICS, MECHANICAL PROPERTIES
STRESS RELAXATION AND CURING OF FLUORINATED ELASTOMERS.
AD-630 907 11J T 66 10 HC$ 4.00 MF$ 0.75

SILICON, CARRIERS(SEMICONDUCTORS)
MEASUREMENT OF THE LIFETIME OF MINORITY CURRENT CARRIERS IN GE AND SI BY OBSERVING THE PHOTOCONDUCTIVE DECAY OF THE SPREADING RESISTANCE UNDER A POINT CONTACT.
AD-631 102 20L T 66 10 HC$ 1.00 MF$ 0.50

MEASUREMENT OF THE LIFETIME OF MINORITY CURRENT CARRIERS IN SEMICONDUCTORS BY OBSERVING THE PHOTOCONDUCTIVE DECAY OF THE SPREADING RESISTANCE UNDER A POINT CONTACT.
AD-631 119 20L T 66 10 HC$ 2.00 MF$ 0.50

SILICON, CRYSTAL LATTICE DEFECTS
DISLOCATION REACTIONS IN SILICON WEB-DENDRITE CRYSTALS,
AD-629 840 20L T 66 09

SILICON, VARACTOR DIODES
PRODUCTION ENGINEERING MEASURE (PEM) FOR SILICON VARACTOR DIODE.
AD-630 196 9A T 66 09 HC$ 5.60 MF$ 0.75

SILOXANES, ELASTOMERS
CARBORANE-SILOXANE ELASTOMERS.
AD-629 891 14I T 66 09 HC$ 2.60 MF$ 0.50

SILVER, DETERMINATION
AN INVESTIGATION OF COMPUTER COUPLED AUTOMATIC ACTIVATION ANALYSIS AND REMOTE LUNAR ANALYSIS.
N66-15064 14B U 41 10 HC$ 3.00 MF$ 0.75

S[illegible]FFUSION
[illegible]SION OF GOLD AND SILVER IN TIN SINGLE CRYSTALS.
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INTERSTITIAL DIFFUSION OF COPPER AND SILVER IN LEAD.
AD-630 459 7D T 66 09 HC$ 1.00 MF$ 0.50

SIMULATION, ATMOSPHERE ENTRY
ECM AEROSP[illegible]E ANTENNA STUDIES, VOLUME 2 OF 2.
AD-[illegible] 9E T 66 09 HC$ 2.00 MF$ 0.50

S[illegible]-MACHINE SYSTEMS
THE USE [illegible]IMULATION IN THE DEVELOPMENT OF MAN-MACHINE SYSTEMS,
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SIMULATION, SCIENTIFIC RESEARCH
SIMULATION TECHNIQUES AND THEIR APPLICATION,
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SINGLE CRYSTALS, CRYSTAL GROWTH
PREPARATION AND PROPERTIES OF CRYSTALLINE AND GLASSY VANADIUM PENTOXIDE.
AD-630 013 20L T 66 09 HC$ 1.00 MF$ 0.50

SINGLE CRYSTALS, MAGNETIC PROPERTIES
MAGNETO-THERMODYNAMICS OF PARA- AND ANTIFERROMAGNETS.
NYO-3402-1 20C U 41 09 HC$ 1.00 MF$ 0.50

SINGLE CRYSTALS, TUNGSTEN ALLOYS
ROOM-TEMPERATURE TENSILE BEHAVIOR OF(100) ORIENTED TUNGSTEN SINGLE CRYSTALS WITH RHENIUM IN DILUTE SOLID SOLUTION,
N66-14238 11F U 41 09 HC$ 1.00 MF$ 0.50

SINGLE CYRSTALS, CRYSTAL GROWTH
THE GROWTH OF SINGLE CRYSTALS.
AD-631 073 20B T 66 10 HC$ 3.00 MF$ 0.75

SINTERING, TUNGSTEN
ACTIVATION SINTERING OF TUNGSTEN AND ITS EFFECT ON SOME MECHANICAL PROPERTIES.
AD-630 440 13H T 66 09 HC$ 6.00 MF$ 1.25

SITE SELECTION, TEST FACILITIES
SEISMIC NOISE SURVEY, PATRICK AIR FORCE BASE, FLORIDA.
PB-169 336 8K U 41 09 HC$ 2.60 MF$ 0.50

SKY BRIGHTNESS, NIGHT SKY
THE SPECTRAL BRIGHTNESS OF THE NIGHT SKY.
AD-418 291 4A U 41 09 HC$ 4.60

SLENDER BODIES, GAS FLOW
RESEARCH STUDIES CONDUCTED AT THE POLYTECHNIC INSTITUTE OF BROOKLYN AEROSPACE INSTITUTE,
AD-630 557 20D T 66 10 HC$ 1.60 MF$ 0.50

SLOSHING, STABILITY
EXPERIMENTAL INVESTIGATION OF STABILITY BOUNDARIES FOR PLANAR AND NONPLANAR SLOSH- ING IN SPHERICAL TANKS,
N66-14761 20D U 41 09 HC$ 1.00 MF$ 0.50

SMALL ARMS, NOISE
FUELS FOR SMALL ARMS NOISE SIMULATORS. DEVICE 3C65D.
AD-630 278 21D T 66 09 HC$ 7.60 MF$ 0.75

SNOW, COMPACTING
AN APPROACH TO THE CONSOLIDATION OF SNOW.
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SNOW, COMPRESSIVE PROPERTIES
CONSIDERATIONS OF THE STRENGTH OF SNOW.
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SNOW, DRIFT
SIMULATION OF DRIFTING SNOW.
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COLD REGIONS SCIENCE AND ENGINEERING. PART III. SECTION A3C. BLOWING SNOW.
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SNOW, GREENLAND
THE DISTRIBUTION OF TEN-METER SNOW TEMPERATURES ON THE GREENLAND ICE SHEET.
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SNOW, MECHANICAL PROPERTIES
DIRECT SHEAR STUDY ON SNOW PROCEDURE AND DATA.
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SNOW, POLAR REGIONS
DISTRIBUTION OF DIAGENETIC SNOW FACIES IN ANTARCTICA AND IN GREENLAND,
AD-630 956 8L T 66 10

SOCIAL COMMUNICATION, EFFECTIVENESS
SOME REACTIONS OF JAPANESE UNIVERSITY STUDENTS TO PERSUASIVE

COMMUNICATIONS,
AD-630 177 5J T 66 09

SOCIAL COMMUNICATION, SIMULATION
LEVIATHAN: AN EXPERIMENTAL STUDY OF LARGE ORGANIZATIONS WITH THE AID OF COMPUTERS.
AD-288 276 5A U 41 10 HC$ 8.60

SOCIAL COMMUNICATION, USSR
KREMLIN MOODS,
AD-430 881 5D U 41 10 HC$30.40

SOCIAL PSYCHOLOGY, BEHAVIOR
THE CONTAGION OF AGGRESSION.
AD-630 842 5J T 66 10

SOCIAL PSYCHOLOGY, PSYCHOMETRICS
PLANNED AND INTRINSIC VARIABLES IN THE SOCIAL PSYCHOLOGICAL EXPERIMENT.
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SOCIOLOGY, JAPAN
JAPANESE VALUES AND THE DEMOCRATIC PROCESS.
AD-630 061 5K T 66 09

SOCIOLOGY, RURAL AREAS
FARMS AND NEW HIGHWAYS: PROBLEMS AND ADJUSTMENTS,
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SODIUM COMPOUNDS, BACTERIA
PHOTOSYNTHETIC HALOPHILES FROM OWENS LAKE.
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SODIUM COMPOUNDS, CERAMIC MATERIALS
THE THERMAL CONDUCTIVITY OF SOME SODIUM TUNGSTEN BRONZES,
AD-630 160 11B T 66 09

SODIUM COMPOUNDS, CHLORIDES
MECHANICAL BEHAVIOR OF POLYCRYSTALLINE NON-METALLICS AT ELEVATED TEMPERATURE.
N66-13636 11B U 41 09 HC$ 1.00 MF$ 0.50

SODIUM GRAPHITE REACTORS, BRAZING
AN INVESTIGATION OF NICKEL-BASE BRAZING ALLOYS AND BRAZED JOINTS FOR SERVICE IN LIQUID SODIUM,
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SODIUM GRAPHITE REACTORS, REACTOR MODERATORS
SRE-PEP MODERATOR ELEMENTS.
NAA-SR-11160 18I U 41 09 HC$ 2.00 MF$ 0.50

SODIUM, LIQUID METAL COOLANTS
DETERMINATION OF CARBONATE CARBON IN SODIUM METAL,
APDA-166 18J U 41 09 HC$ 2.00 MF$ 0.50

SODIUM, HEAT OF SOLUTION
HEATS OF SOLUTION OF ALKALI METALS IN AMMONIA.
AD-630 917 7D T 66 10 HC$ 1.60 MF$ 0.50

SODIUM, HEAT TRANSFER COEFFICIENTS
MATERIALS RESEARCH FOR HEAT TRANSFER FLUIDS.
AD-629 960 11G T 66 09 HC$ 2.00 MF$ 0.50

SODIUM, LIQUID METAL COOLANTS
STEADY-STATE SODIUM BOILING AND HYDRODYNAMICS,
NAA-SR-11586 18I U 41 09 HC$ 3.00 MF$ 0.50

SODIUM, NOZZLE GAS FLOW
EXPERIMENTAL INVESTIGATION OF NOZZLE CRITICAL FLOW CHARACTERISTICS OF SODIUM VAPOR,
N66-14154 20M U 41 09 HC$ 1.00 MF$ 0.50

SOIL MECHANICS, CEMENTS
THE EFFECT OF DELAYED COMPACTION ON STABILIZED SOIL-CEMENT,
PB-169 432 8M U 41 09 HC$ 4.00 MF$ 0.75

SOIL MECHANICS, CLAY
PERFORMANCE OF SOILS UNDER TIRE LOADS. REPORT 3. TESTS IN CLAY THROUGH NOVEMBER 1962.
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SOIL MECHANICS, FREEZING
MIGRATION AND CRYSTALLIZATION OF INTERLAMELLAR WATER DURING FREEZING AND THAWING OF WYOMING BENTONITE.
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SOIL MECHANICS, GROUND EFFECT
EFFECTS OF AIR SURCHARGE ON THE BEARING CAPACITY OF SOFT COHESIVE SOILS.
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SOIL MECHANICS, INSTRUMENTATION
FIELD EVALUATION OF THE LANE-WELLS ROAD LOGGER,
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SOIL MECHANICS, LANDING MATS
SUBGRADE STABILIZATION WITH PORTLAND CEMENT AND HYDRATED LIME UNDER MODIFIED T11 LANDING MAT.
AD-630 561 1E T 66 10 MF$ 0.50

SOIL MECHANICS, MATHEMATICAL ANALYSIS
THREE-DIMENSIONAL YIELD CRITERION OF C-PHI MATERIAL.
AD-629 875 8M T 66 09 HC$ 1.00 MF$ 0.50

SOIL MECHANICS, ROADS
STRENGTH CHARACTERISTICS OF COMPACTED SOILS.
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SOIL MECHANICS, SHOCK WAVES
A STUDY OF THE PROPAGATION OF STRESS WAVES IN SAND.
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SOIL STABILITY, PLANTS(BOTANY)
AN INVESTIGATION ON CRITICAL PROBLEMS OF ESTABLISHING AND MAINTAINING A SATISFACTORY SOD COVER ALONG NORTH CAROLINA HIGHWAYS.
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SOILS, PHYSICAL PROPERTIES
THE DEVELOPMENT OF A NEW METHOD FOR DETERMINING CERTAIN PHYSICAL PROPERTIES OF AGGREGATES WITHOUT USING THE SPECIFIC GRAVITY OF SOLIDS AS A FUNCTION. PHASE I.
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SOILS, PLANTS(BOTANY)
AN INVESTIGATION ON CRITICAL PROBLEMS OF ESTABLISHING AND MAINTAINING A SATISFACTORY SOD COVER ALONG NORTH CAROLINA HIGHWAYS.
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SOILS, RADIOACTIVE ISOTOPES
RADIOCHEMISTRY OF PLUTONIUM AND URANIUM IN SOIL,
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SOLAR ATMOSPHERE, CONVECTION(HEAT TRANSFER)
THE MIXING OF MATTER IN THE LAYER BELOW THE OUTER SOLAR CONVECTION ZONE,
AD-630 235 3B T 66 09

SOLAR ATMOSPHERE, HEATING
THE EQUILIBRIUM STATE OF A SHOCK-HEATED ATMOSPHERE,
AD-631 162 3B T 66 10

SOLAR ATMOSPHERE, SPECTROSCOPY
THE H-ALPHA DOUBLE LIMB: A SCATTERED -LIGHT PHENOMENON.
AD-631 096 3B T 66 10

SOLAR CELLS, DESIGN
DESIGN AND EVALUATION STUDY OF DEPLOYABLE SOLAR ARRAY FOR SPINNING SATELLITES.
N66-13641 10A U 41 09 HC$ 3.00 MF$ 0.75

SOLAR CELLS, RADIATION DAMAGE
RESEARCH AND DEVELOPMENT STUDY ON IMPROVEMENT OF ADVANCED RADIATION RESISTANT MODULARIZATION TECHNIQUES.
N66-13080 10A U 41 09 HC$ 1.00 MF$ 0.50

SOLAR CELLS, SILICON
RADIATION EFFECTS ON SILICON SOLAR CELLS.
N66-15012 10A U 41 10 HC$ 4.00 MF$ 1.00

SOLAR DISTURBANCES, MAGNETIC STORMS
INFLUENCE OF SOLAR ROTATION ON THE GEOMAGNETIC FIELD(I).
AD-631 062 8N T 66 10 HC$ 1.00 MF$ 0.50

INFLUENCE OF SOLAR ROTATION ON THE GEOMAGNETIC FIELD (II).
AD-631 120 8N T 66 10 HC$ 1.00 MF$ 0.50

SOLAR ECLIPSES, MOON
LUNAR PROFILES DETERMINED FROM ANNULAR SOLAR ECLIPSES OF 1962 AND 1963,
AD-629 882 3A T 66 09 HC$ 3.00 MF$ 0.75

SOLAR FLARES, ASTRONOMICAL DATA
CLASSIFICATION OF SOLAR PROMINENCES FOR SUNSPOT CYCLE NO. 19 1963,
AD-629 956 3B T 66 09 HC$ 4.00 MF$ 0.75

SOLAR FLARES, SCIENTIFIC RESEARCH
SOLAR RESEARCH AND DEVELOPMENT AT SACRAMENTO PEAK OBSERVATORY.
AD-630 658 3B T 66 10 HC$ 2.60 MF$ 0.50

SOLAR RADIATION, ALPHA PARTICLES
COMMENTS ON SOLAR ALPHA-PARTICLE CONTRIBUTIONS TO RIOMETER MEASUREMENTS.
AD-630 183 4A T 66 09 HC$ 1.00 MF$ 0.50

SOLAR RADIATION, CATALOGS
CATALOG OF HIGH ENERGY SOLAR PARTICLE EVENTS, 1957-1961,
AD-630 255 3B T 66 09 HC$ 1.00 MF$ 0.50

SOLAR RADIATION, COLLECTING METHODS
FABRICATION OF LIGHTWEIGHT PARABOLIC CONCENTRATORS FROM A GLASS MASTER.
N66-13404 13H U 41 10 HC$ 1.00 MF$ 0.50

SOLAR RADIATION, DIRECTION FINDING
RADIATION DIRECTION DETECTOR INCLUDING MEANS FOR COMPENSATING FOR PHOTOCELL AGING.
PATENT 3,229,102 17C U 41 10

SOLAR RADIATION, PROTONS
DETERMINATION OF SOLAR PROTON ENERGY SPECTRUMS BELOW 100 MEV FROM GROUND-BASED MEASUREMENTS,
AD-630 182 4A T 66 09 HC$ 1.00 MF$ 0.50

SOLAR RADIATION, SIMULATION
A STUDY OF OPTICAL SYSTEM CONCEPTS AND HIGH INTENSITY LIGHT SOURCES FOR SOLAR RADIATION SIMULATION,
AD-466 018 14B U 41 10 HC$ 7.35

SOLAR SIMULATION IN THE VACUUM AND EXTREME ULTRAVIOLET.
AD-630 470 20F T 66 09 HC$ 3.00 MF$ 0.50

SOLAR RADIATION, SUBMILLIMETER WAVES
OBSERVATIONS MADE OF SUBMILLIMETER-WAVELENGTH SOLAR RADIATION USING THE MCMATH SOLAR TELESCOPE OF THE KITT PEAK NATIONAL OBSERVATORY,
N66-13141 3A U 41 09 HC$ 2.00 MF$ 0.50

SOLAR RADIATION, TRACKING

THE USE OF SOLAR RADIO EMISSION FOR ANTENNA ORIENTATION.
AD-449 379 17C U 41 09 HC$ 5.60

SOLAR SATELLITES, SPACE PROBES
AN HELIOCENTRIC EARTH ORBIT PRECURSOR PLANETOID,
AD-631 131 22B T 66 10 HC$ 1.10 MF$ 0.50

SOLAR SYSTEM, SPECTROSCOPY
SOLAR SYSTEM SPECTROPHOTOMETRY. DESIGN CONSIDERATIONS FOR A MULTIPLEX DISPERSIVE INFRARED SPECTROMETER.
AD-631 045 3A T 66 10 HC$ 4.60 MF$ 0.50

SOLDERING ALLOYS, NICKEL ALLOYS
AN INVESTIGATION OF NICKEL-BASE BRAZING ALLOYS AND BRAZED JOINTS FOR SERVICE IN LIQUID SODIUM,
NAA-SR-11326 11F U 41 09 HC$ 2.00 MF$ 0.50

SOLDERING, ELECTRIC TERMINALS
SOLDERABILITY OF TERMINALS AND AGING.
AD-427 219 13H U 41 10 HC$ 2.00 MF$ 0.50

SOLID PROPELLANTS, DRYING
INDUSTRIAL PREPAREDNESS MEASURE: STUDY OF IMPROVED METHODS OF DRYING CASTING POWDER.
AD-464 534 19A U 41 09 HC$ 4.00

SOLID ROCKET PROPELLANTS, COMBUSTION
SOLID PROPELLANT INSTABILITY OF COMBUSTION 1964. APPENDIX I: THEORY OF ACOUSTIC INSTABILITY IN SOLID ROCKET COMBUSTION. APPENDIX II: EXPERIMENTAL SOLID ROCKET COMBUSTION INSTABILITY.
AD-476 299 21H U 41 10 HC$ 3.00 MF$ 0.75

COMBUSTION IRREGULARITIES IN SOLID PROPELLANTS.
AD-630 409 21B T 66 09 HC$ 1.60 MF$ 0.50

AD-630 409 21B T 66 09 HC$ 1.60 MF$ 0.50

SOLID ROCKET PROPELLANTS, MECHANICS
APPLICATION OF THE FINITE ELEMENT METHOD TO STRESS ANALYSIS OF SOLID PROPELLANT ROCKET GRAINS, VOLUME I.
AD-474 031 20K U 41 10 HC$10.60 MF$ 0.75

SOLID ROCKET PROPELLANTS, PERFORMANCE (ENGINEERING)
DESIGN, TEST, AND DOCUMENTATION OF THE MARC 36 A1, 1 KS-75 SPIN MOTOR FOR THE SCOUT VEHICLES.
N66-14156 21H U 41 09 HC$ 2.00 MF$ 0.50

SOLID ROCKET PROPELLANTS, ROCKET MOTORS
INVESTIGATION OF HYDROTEST FAILURE OF THIOKOL CHEMICAL CORPORATION 260-INCH-DIAMETER SL-1 MOTOR CASE,
N66-14708 21H U 41 09 HC$ 3.00 MF$ 1.00

SOLID STATE PHYSICS, BRAZING
INVESTIGATION OF BRAZING TECHNIQUES FOR FERRIMAGNETIC MATERIALS.
AD-630 700 13H T 66 10 HC$ 3.00 MF$ 0.75

SOLID STATE PHYSICS, LIGHT COMMUNICATION SYSTEMS
SOLID-STATE TECHNIQUES FOR MODULATION AND DEMODULATION OF OPTICAL WAVES.
AD-417 225 17B U 41 10 HC$ 2.60

SOLID STATE PHYSICS, SCIENTIFIC RESEARCH
GENERAL RESEARCH.
AD-630 918 5A T 66 10 HC$ 6.60 MF$ 0.75

SOLIDIFIED GASES, HELIUM
PHASE CHANGE IN ADSORBED HELIUM AT LOW TEMPERATURE,
AD-629 831 20M T 66 09

SOLIDIFIED GASES, HELIUM GROUP GASES
MOLECULAR RYDBERG TRANSITIONS IN RARE-GAS MATRICES-EVIDENCE FOR INTERACTION BETWEEN IMPURITY STATES AND CRYSTAL STATES,
AD-629 812 7D T 66 09

SOLIDS, FLUID FLOW
ON CONSTITUTIVE EQUATIONS FOR FLOW OF FLUID THROUGH AN ELASTIC SOLID.
AD-630 772 20D T 66 10 HC$ 4.60 MF$ 0.50

SOLIDS, HEAT TRANSFER
A PROPOSED METHOD FOR MEASURING THERMAL DIFFUSIVITY AT ELEVATED TEMPERATURES.
PB-169 472 20M U 41 10 HC$ 1.60

SOLIDS, THERMAL RADIATION
SYMPOSIUM ON THERMAL RADIATION OF SOLIDS,
AD-629 980 20M T 66 09 HC$ 3.75 MF$ 2.75

SOLIDS, THERMODYNAMICS
FORMULA FOR THERMAL ACCOMMODATION COEFFICIENT,
AD-631 007 20M T 66 10 HC$ 4.60 MF$ 0.50

SOLIDS, TRANSPORT PROPERTIES
A DISCUSSION OF ENERGY AND MOMENTUM TRANSFER IN GAS-SURFACE INTERACTIONS.
AD-630 522 20D T 66 10 HC$ 3.00 MF$ 0.75

SOLIDS, VISCOELASTICITY
A CORRESPONDENCE PRINCIPLE FOR FREE VIBRATIONS OF A VISCOELASTIC SOLID.
AD-630 486 20K T 66 09 HC$ 1.00 MF$ 0.50

SOLUTIONS, REACTION KINETICS
A KINETIC STUDY OF THE CHANGE IN THE ABSORPTION SPECTRUM OF URANIUM (IV) SOLUTIONS, WITH TIME, AT LOW ACIDITES,
SC-RR-65-629 7B U 41 10 HC$ 1.00 MF$ 0.50

SOLVATES, NUCLEAR MAGNETIC RESONANCE
A STUDY OF PREFERENTIAL SOLVATION UTILIZING NUCLEAR MAGNETIC RESONANCE,
AD-629 846 7D T 66 09

SOLVENTS, CHEMICAL PROPERTIES
SOLUTIONS IN NON-AQUEOUS SOLVENTS.
AD-630 795 7B T 66 10 HC$ 1.60 MF$ 0.50

SOLVENTS, CHEMICAL REACTIONS
A SOLVENT EFFECT IN THE REACTION OF BENZALDESOXYBENZOIN WITH PHOSPHORUS PENTACHLORIDE,
AD-629 837 7C T 66 09

SONAR EQUIPMENT, CALIBRATION
SONAR TRANSDUCER CALIBRATION IN A HIGHPRESSURE TUBE.
AD-630 352 20A T 66 09

SONAR SIGNALS, REFLECTION
CHARACTERIZATION OF PARTICULATE MATTER IN THE OCEAN.
AD-631 146 8J T 66 10 HC$ 1.00 MF$ 0.50

SONIC BOOM, MATHEMATICAL ANALYSIS
A STUDY OF METHODS FOR EVALUATING SONIC BOOM EFFECTS,
AD-631 003 20A T 66 10 HC$ 3.00 MF$ 0.75

SOUND SIGNALS, PROPAGATION
TIME AND FREQUENCY CHARACTERISTICS OF AN ACOUSTIC SIGNAL REFLECTED FROM A ROUGH BOUNDARY.
AD-630 695 20A T 66 10 HC$ 5.60 MF$ 0.50

SOUND TRANSMISSION, AEROSOLS
ATTENUATION AND DISPERSION OF SOUND BY PARTICULATE RELAXATION PROCESSES.
AD-630 326 20A T 66 09 HC$ 3.00 MF$ 0.50

SOUND TRANSMISSION, ATMOSPHERE
LONG-RANGE ACOUSTIC PROPAGATION IN THE ATMOSPHERE.
AD-467 017 20A U 41 10 HC$ 4.60 MF$ 0.50

SOUNDING ROCKETS, ATMOSPHERIC SOUNDING
METEOROLOGICAL DATA REPORT AEROBEE KP 3.4, 7 APRIL 1964,
AD-444 416 4B U 41 10 HC$ 3.60

METEOROLOGICAL ROCKET NETWORK FIRINGS. VOLUME XXXIX. NOVEMBER 1964 FIRINGS.
AD-466 651 4A U 41 10 HC$20.20 MF$ 1.50

METEOROLOGICAL ROCKET NETWORK FIRINGS. VOLUME XXI. MAY 1963 FIRINGS.
AD-467 545 4B U 41 10 HC$18.40 MF$ 1.00

U. S. ARMY PARTICIPATION IN THE METEOROLOGICAL ROCKET NETWORK.
AD-630 813 4B T 66 10 HC$ 1.00 MF$ 0.50

SOUNDING ROCKETS, DESTRUCTORS
DEVELOPMENT OF THE FRANGIBLE ARCAS METEOROLOGICAL ROCKET VEHICLE.
AD-630 932 22B T 66 10 HC$24.30 MF$ 1.25

SOUNDING ROCKETS, PERFORMANCE(ENGINEER ING)
A COMPENDIUM OF AEROBEE SOUNDING ROCKET LAUNCHINGS FROM 1959 THROUGH 1963,
N66-14910 22B U 41 09 HC$ 5.00 MF$ 1.00

SOUNDING ROCKETS, THERMISTORS
THEORETICAL TIME CONSTANT AND RADIATION ERROR OF A ROCKETSONDE THERMISTOR.
AD-630 073 4B T 66 09

SOUND, DIRECTION FINDING
BEARING ANGLE ESTIMATION OF ATMOSPHERIC SONIC PLANE WAVES USING GROUND ARRAYS,
AD-630 422 17A T 66 09 HC$ 3.00 MF$ 0.75

SOUND, SCATTERING
NUMERICAL DISCUSSION OF CREEPING ACOUSTICAL WAVES AROUND CYLINDERS. SOUND SCATTERING BY ELASTIC CYLINDRICAL SHELLS,
AD-630 033 20A T 66 09 HC$ 2.60 MF$ 0.50

SOUND, STRESS(PHYSIOLOGY)
PHYSIOLOGICAL RESPONSES TO HIGH INTENSITY INTERMITTENT SOUND,
AD-467 525 6S U 41 10 HC$ 1.60 MF$ 0.50

SOUTHEAST ASIA, CLIMATOLOGY
SOUTHEAST ASIA MONSOON STUDY.
AD-631 085 4B T 66 10 HC$ 2.00 MF$ 0.50

SPACE BIOLOGY
INVESTIGATIONS IN SPACE-RELATED MOLECULAR BIOLOGY, INCLUDING CONSIDERATIONS OF THE MOLECULAR ORGANIZATION OF EXTRATERRESTRIAL MATTER.
N66-13830 6C U 41 09 HC$ 2.00 MF$ 0.50

SIGNIFICANT ACHIEVEMENTS DURING SIX YEARS OF SPACE BIOSCIENCE RESEARCH AND APPLICATIONS, 1958 - 1964.
N66-13899 6F U 41 09 HC$ 5.00 MF$ 1.00

SPACE BIOLOGY, BIBLIOGRAPHIES
AEROSPACE MEDICINE AND BIOLOGY BIBLIOGRAPHY WITH INDEXES, NOV. 1965.
N66-14160 6S U 41 09 HC$ 1.00 MF$ 1.00

SPACE CHARGES, PROPAGATION
ON THE ORTHOGONALITY OF ELECTRON BEAM WAVES IN A FINITE MAGNETIC FIELD.
AD-631 164 9C T 66 10 HC$ 1.60 MF$ 0.50

SPACE COMMUNICATION SYSTEMS, DESIGN
SPACE PROGRAMS SUMMARY NO. 37-36. VOLUME III. FOR THE PERIOD SEPTEMBER 1, 1965 TO OCTOBER 31, 1965. THE DEEP

SPACE NETWORK.
N66-14967 17B U 41 10 HC$ 3.00 MF$ 0.75

SPACE COMMUNICATION SYSTEMS, OPTIMIZATION
OPTIMIZATION OF FREQUENCIES FOR LOW-ALTITUDE SPACE COMMUNICATION.
AD-463 140 17B U 41 10 HC$ 2.60

SPACE COMMUNICATION SYSTEMS, PARABOLIC ANTENNAS
LINCOLN EXPERIMENTAL TERMINAL ANTENNA SYSTEM.
AD-630 702 17B T 66 10 HC$ 3.00 MF$ 0.75

SPACE CREWS, SELECTION
PSYCHIATRIC SELECTION OF CANDIDATES FOR SPACE MISSIONS.
AD-630 477 5I T 66 09

SPACE ENIVRONMENTAL CONDITION, SCIENTIFIC RESEARCH
MULTIDISCIPLINARY RESEARCH IN SPACE-RELATED SCIENCE AND TECHNOLOGY.
N66-12992 3B U 41 09 HC$ 4.00 MF$ 0.75

SPACE ENVIRONMENTAL CONDITIONS, METEORS
THE METEOROID ENVIRONMENT AND ITS EFFECTS ON MATERIALS AND EQUIPMENT.
N66-14158 22A U 41 09 MF$ 0.75

SPACE ENVIRONMENTAL CONDITIONS, CARTRIDGES(PAD)
EFFECTS OF SOME OF THE SPACE ENVIRONMENTS ON PROPELLANT ACTUATED DEVICES.
AD-630 043 19A T 66 09

SPACE ENVIRONMENTAL CONDITIONS, RADIATION MEASUREMENT SYSTEMS
LOW-ENERGY PROTON AND ELECTRON EXPERIMENT FOR THE ORBITING GEOPHYSICAL OBSERVATORIES B AND E.
AD-466 638 4A U 41 10 HC$ 3.60 MF$ 0.50

SPACE ENVIRONMENTAL CONDITIONS, SYMPOSIA
INTERNATIONAL YEARS OF THE QUIET SUN. VOLUME 2. (ANOS INTERNACIONALES DEL SOL CALMO).
AD-630 805 4A T 66 10 HC$ .60 MF$ 0.75

SPACE FLIGHT, HUMAN ENGINEERING
HUMAN FACTORS INFORMATION REQUIREMENTS FOR SPACE SYSTEM DEVELOPMENT.
N66-12959 5E U 41 09 HC$ 5.00 MF$ 1.00

SPACE FLIGHT, INDEXES
INDEX OF NASA TECHNICAL PUBLICATIONS WITH ABSTRACTS, JULY 1960-DECEMBER 1961.
N63-90006 22A U 41 10 HC$ 7.35 MF$ 2.00

SPACE FLIGHT, PRESSURE SUITS
SPACE SUIT: DETERMINATION OF THE GEOMETRY AND MINIMUM VOLUME OF THE ENVELOPE REQUIRED FOR DONNING AND DOFFING OF. GEOMETRIC AND VOLUMETRIC DETERMINATIONS OF THE MINIMAL ENVELOPE FOR DONNING THE FULL PRESSURE SUIT.
AD-410 471 6K U 41 10 HC$ 5.60

SPACE FLIGHT, RESEARCH PROGRAM ADMINISTRATION
SPACE PROGRAMS SUMMARY NO. 37-35, VOLUME IV FOR THE PERIOD AUGUST 1, 1965 TO SEPTEMBER 30, 1965. SUPPORTING RESEARCH AND ADVANCED DEVELOPMENT.
N66-13556 22B U 41 09 HC$ 7.00 MF$ 2.00

SPACE FLIGHT, SYSTEMS ENGINEERING
THE ROLE OF COMPUTERS IN HANDLING AEROSPACE SYSTEMS HUMAN FACTORS TASK DATA.
AD-631 182 5H T 66 10 HC$ 5.00 MF$ 1.00

SPACE FLIGHT, TRAJECTORIES
ERROR-BOUND METHODS FOR MULTIPLE-STATION DATA REDUCTION.
AD-629 976 12A T 66 09 HC$ 4.60 MF$ 0.50

SPACE FLIGHT, USSR
WE ARE EXPECTING NEW FLIGHTS.
AD-630 274 22A T 66 09 HC$ 1.10 MF$ 0.50

SPACE MAINTENANCE, SPACE TOOLS
MAINTENANCE IN A WEIGHTLESS ENVIRONMENT.
AD-630 807 22A T 66 10 HC$ 3.00 MF$ 0.75

SPACE MEDICINE, BIBLIOGRAPHIES
AEROSPACE MEDICINE AND BIOLOGY BIBLIOGRAPHY WITH INDEXES, NOV. 1965.
N66-14160 6S U 41 09 HC$ 1.00 MF$ 1.00

SPACE MEDICINE, CALCIUM
METHOD FOR DETERMINATION OF CALCIUM IN SERUM, PAROTID FLUID AND URINE IN THE WEIGHTLESS STATE.
AD-630 476 6S T 66 09

SPACE NAVIGATION, CONTROL SYSTEMS
ORBITAL TESTING REQUIREMENTS FOR GUIDANCE AND CONTROL DEVICES.
N66-13240 17G U 41 09 HC$ 4.00 MF$ 0.75

SPACE NAVIGATION, SOLAR RADIATION
RADIATION DIRECTION DETECTOR INCLUDING MEANS FOR COMPENSATING FOR PHOTOCELL AGING.
PATENT 3,229,102 17C U 41 10

SPACE PROBES, INSTRUMENTATION
MARINER IV SCIENCE PLATFORM STRUCTURE AND ACTUATOR DESIGN, DEVELOPMENT AND FLIGHT PERFORMANCE.
N66-13557 22B U 41 09 HC$ 1.00 MF$ 0.50

SPACE PROBES, PERFORMANCE(ENGINEERING)
MARINER-VENUS 1962.
N66-14702 22B U 41 09 MF$ 2.00

SPACE PROBES, SOLAR SATELLITES
AN HELIOCENTRIC EARTH ORBIT PRECURSOR PLANETOID.
AD-631 131 22B T 66 10 HC$ 1.10 MF$ 0.50

SPACE PROPULSION, JET ENGINES
PROBLEMS OF SPACE AIR-BREATHING JET ENGINES.
AD-630 764 21A T 66 10 HC$ 1.00 MF$ 0.50

SPACE PROPULSION, OPTIMIZATION
OPTIMAL COMBINATION OF PROPULSION SYSTEMS.
AD-630 825 21H T 66 10 HC$ 2.60 MF$ 0.50

SPACE PROPULSION, REACTOR SAFETY FUZES
ROVER/NERVA DESTRUCT SYSTEM TEST RESULTS, ABERDEEN PROVING GROUND-3.
SC-RR-65-620 22B U 41 09 HC$ 6.00 MF$ 1.25

SPACE SURVEILLANCE SYSTEMS, RADAR TRACKING
RADIO PHYSICS AND ASTRONOMY.
AD-629 923 17I T 66 09 HC$ 4.00 MF$ 0.75

SPACECRAFT CABINS, ATMOSPHERE
CARBON DIOXIDE CONCENTRATION SYSTEM.
N66-13114 6K U 41 09 HC$ 2.00 MF$ 0.50

SPACECRAFT, PRIMARY CELLS
IMPROVED SEPARATORS FOR SILVER OXIDE-ZINC AND SILVER OXIDE-CADMIUM CELLS FOR SPACECRAFT APPLICATION.
N66-13826 10A U 41 09 HC$ 1.00 MF$ 0.50

SPACECRAFT, BOILER TUBES
COMPARISON OF FULL-SCALE AND MODEL BUFFET RESPONSE OF APOLLO BOILERPLATE SERVICE MODULE.
N66-14909 20K U 41 09 HC$ 1.00 MF$ 0.50

SPACECRAFT, COATINGS
COATING SELECTION PROGRAM, PART I. THEORY.
N66-13834 20M U 41 09 HC$ 2.00 MF$ 0.50

SPACECRAFT, CONTROL SYSTEMS
METHOD AND APPARATUS FOR MAGNETICALLY ORIENTING A SPACE VEHICLE.
PATENT 3,228,628 22B U 41 10

SPACECRAFT, GUIDANCE
INTERPLANETARY NAVIGATION AND GUIDANCE STUDY. VOLUME III. ILLUSTRATIONS AND TABLES.
N66-13091 17G U 41 09 HC$ 5.00 MF$ 1.00

INTERPLANETARY NAVIGATION AND GUIDANCE STUDY. VOLUME I. SUMMARY.
N66-13130 22C U 41 09 HC$ 3.00 MF$ 0.75

ORBITAL TESTING REQUIREMENTS FOR GUIDANCE AND CONTROL DEVICES.
N66-13240 17G U 41 09 HC$ 4.00 MF$ 0.75

SPACECRAFT, HAZARDS
THE METEOROID ENVIRONMENT OF PROJECT APOLLO, EDITION 2.
N66-12857 22B U 41 09 HC$ 3.00 MF$ 0.75

SPACECRAFT, LANDING
LANDING CHARACTERISTICS OF THE APOLLO SPACECRAFT WITH DEPLOYED-HEAT-SHIELD IMPACT ATTENUATION SYSTEMS.
N66-14901 22A U 41 09 HC$ 3.00 MF$ 0.50

SPACECRAFT, MODELS(SIMULATIONS)
SCALING OF ISOTHERMAL SIMPLE-SHAPED BODIES IN A TRANSIENT TEMPERATURE ENVIRONMENT.
AD-630 901 22B T 66 10 HC$ 2.60 MF$ 0.50

SPACECRAFT, POWER SUPPLIES
SPACE ELECTRIC POWER SYSTEMS STUDY, VOLUME 4.
N66-13381 10B U 41 10 HC$ 5.00 MF$ 1.00

SPACECRAFT, SUBJECT INDEXING
INDEX OF NASA TECHNICAL PUBLICATIONS WITH ABSTRACTS, JULY 1960-DECEMBER 1961.
N63-90006 22A U 41 10 HC$ 7.35 MF$ 2.00

SPAIN, LANGUAGE
AN AUTOMATIC PHRASE STRUCTURE ANALYSIS OFA SPANISH TEXT.
PB-169 468 5G U 41 10 HC$13.60 MF$ 1.00

SPARK PLUGS, IGNITORS
HIGH TEMPERATURE SPARK PLUG.
PATENT 3,229,139 21B U 41 10

SPECIAL FUNCTIONS (MATHEMATICAL), SYNTHESIS
AN ADAPTIVE NETWORK FOR PRODUCING REAL FUNCTIONS OF BINARY INPUTS.
AD-629 836 9B T 66 09

SPECIAL FUNCTIONS(MATHEMATICAL), ANALYSIS
A HYPERGEOMETRIC MEAN VALUE.
N66-13400 12A U 41 10 HC$ 1.00 MF$ 0.50

SPECIAL FUNCTIONS(MATHEMATICAL, POLYNOMIALS
ON BESSEL POLYNOMIALS.
AD-630 527 12A T 66 10 HC$ 1.00 MF$ 0.50

SPECIAL FUNCTIONS, REVIEWS
FOREIGN SCIENCE BULLETIN, VOLUME 2, NO. 3.
AD-630 191 5A T 66 09 HC$ 3.00 MF$ 0.75

SPECIAL PURPOSE COMPUTERS, DIGITAL COMPUTERS
ERROR ANALYSIS OF BINARY RATE MULTIPLIER.
N66-12155 9B U 41 09 HC$ 2.00 MF$ 0.50

SPECTRA(INFRARED), COMPLEX COMPOUNDS
LONG-WAVE INFRARED SPECTRA OF ALKALI SALTS OF PLATINUM

HALIDE COMPLEXES.
AD-630 499 7D T 66 09

SPECTRA(INFRARED), ORGANIC COMPOUNDS
AN IN SITU SPECTROPHOTOMETRIC METHOD FOR OBSERVING THE INFRARED SPECTRA OF SPECIES AT THE ELECTRODE SURFACE DURING ELECTROLYSIS.
AD-630 059 7D T 66 09

SPECTROPHOTOMETERS, SPECTRA(INFRARED)
AN IN SITU SPECTROPHOTOMETRIC METHOD FOR OBSERVING THE INFRARED SPECTRA OF SPECIES AT THE ELECTRODE SURFACE DURING ELECTROLYSIS.
AD-630 059 7D T 66 09

SPECTROSCOPY, INFORMATION RETRIEVAL
RECORDS OF RESEARCH AND DISCOVERY. NEGLECTED ASSETS OF SCIENCE. II. METHODS OF HANDLING CHEMICAL DATA.
PB-169 411 5B U 41 10 HC$ 1.10 MF$ 0.50

SPECTROSCOPY, LIGHT
LIGHT FLUCTUATIONS AS A NEW SPECTROSCOPIC TOOL.
AD-629 929 20F T 66 09

SPECTROSCOPY, REVIEWS
SPECTROCHEMICAL ANALYSIS: OPTICAL SPECTROMETRY, X-RAY FLUORESCENCE SPECTROMETRY, AND ELECTRON PROBE MICROANALYSIS TECHNIQUES, JUNE 1964 TO JUNE 1965.
NBS-TN-272 7D U 41 10 HC$ 0.50 MF$ 0.75

SPECTRUM ANALYSERS, DRIVES
APERTURE FORMING DRIVE MECHANISM.
PATENT 3,228,291 20F U 41 10

SPECTRUM ANALYZERS, CALIBRATION
SPECTRUM ANALYZER POLARAD MODEL TSA.
PB-169 423 14B U 41 10 HC$ 1.60 MF$ 0.50

SPECTRUM ANALYZERS, DATA
TIME-OF-FLIGHT SPECTROMETER.
AD-630 438 14B T 66 09 HC$ 1.00 MF$ 0.50

SPECTRUM ANALYZERS, DESIGN
RESEARCH AND DEVELOPMENT OF AN ELECTRO-OPTIC WIDEBAND SPECTRUM ANALYZER.
AD-630 050 20F T 66 09 HC$ 2.60 MF$ 0.50

SPECTRUM ANALYZERS, MULTIPLEX
SOLAR SYSTEM SPECTROPHOTOMETRY. DESIGN CONSIDERATIONS FOR A MULTIPLEX DISPERSIVE INFRARED SPECTROMETER.
AD-631 045 3A T 66 10 HC$ 4.60 MF$ 0.50

SPEECH RECOGNITION, SCIENTIFIC RESEARCH
PERFORMANCE EVALUATION OF SPEECH PROCESSING DEVICES. II. THE ROLE OF INDIVIDUAL DIFFERENCES.
AD-630 428 9D T 66 09 HC$ 3.00 MF$ 0.75

SPEECH TRANSMISSION, INTELLIGIBILITY
TECHNIQUE FOR EVALUATION OF SPEECH SYSTEMS.
AD-462 836 17B U 41 10 HC$ 3.00

AD-473 995 17B U 41 10 HC$ 3.00 MF$ 0.75

SPEECH, ANALYSIS
THE IDENTIFICATION AND DISCRIMINATION OF SYNTHETIC VOWELS.
AD-630 576 17B T 66 10

SPEECH, PSYCHOPHYSIOLOGY
CHANGES IN PSYCHOPHYSIOLOGICAL RESPONSES PRODUCED BY DELAYED SPEECH FEEDBACK.
AD-468 311 5J U 41 10 HC$ 1.00 MF$ 0.50

SPEECH, SCIENTIFIC RESEARCH
SPEECH RESEARCH AND INSTRUMENTATION.
AD-630 336 9D T 66 09 HC$ 7.90 MF$ 2.25

PERFORMANCE EVALUATION OF SPEECH PROCESSING DEVICES. II. THE ROLE OF INDIVIDUAL DIFFERENCES.
AD-630 428 9D T 66 09 HC$ 3.00 MF$ 0.75

SPEECH, TONGUE
AN ELECTROMYOGRAPHIC STUDY OF THE TONGUE DURING VOWEL PRODUCTION.
AD-630 574 17B T 66 10

SPHERES, REFLECTOMETERS
DEVIATIONS FROM INTEGRATING SPHERE THEORY CAUSED BY CENTRALLY LOCATED SAMPLES.
AD-630 899 20C T 66 10 HC$ 2.00 MF$ 0.50

SPHERES, SINGLE CRYSTALS
PRODUCTION ENGINEERING MEASURE YIG SPHERES AND LIMITERS.
AD-630 317 9A T 66 09 HC$ 3.00 MF$ 0.50

SPHERES, STRESSES
JUNCTURE STRESS FIELDS IN MULTICELLULAR SHELL STRUCTURES. VOLUME IV - STRESSES AND DEFORMATIONS OF FIXED-EDGE SEGMENTAL SPHERICAL SHELLS.
N66-13836 20K U 41 09 HC$ 4.00 MF$ 1.00

SPHERES, STRUCTURAL SHELLS
AN EVALUATION OF THE EFFECT OF FINITE SHEAR STRAIN IN A SHALLOW, SPHERICAL SHELL.
N66-13098 20K U 41 09 HC$ 2.00 MF$ 0.50

SPHERES, SUPERSONIC CHARACTERISTICS
GROWTH OF THE TURBULENT INNER WAKE BEHIND LARGE SPHERES AT SUPERSONIC VELOCITIES.
AD-453 850 1A U 41 10 HC$ 2.00

SPINELS, ENTHALPY
HIGH-TEMPERATURE CALORIMETRY IN LIQUID OXIDE SYSTEMS. III. THE ENTHALPY OF FORMATION OF MAGNESIUM-ALUMINUM SPINEL.
AD-630 002 7D T 66 09

SPLEEN, RADIATION EFFECTS
THE EFFECT IN STOMACH OF IONIZING RADIATION ON ACID SECRETION, POTENTIAL, ADENOSINE TRIPHOSPHATE AND PHOSPHOCREATINE IN COM- PARISON TO SPLEEN.
AD-630 390 6R T 66 09 HC$ 2.60 MF$ 0.50

SPOTTING RIFLES, ALIGNMENT
BIAS ADJUSTMENT FOR SPOTTING RIFLES.
PATENT 3,228,299 19F U 41 10

SPUTTERING, TANTALUM
THIN FILMS FORMED BY ELECTROCHEMICAL REACTIONS.
AD-631 034 9A T 66 10 HC$ 2.00 MF$ 0.50

STABILITY, NONLINEAR SYSTEMS
DYNAMIC STABILITY OF AUTONOMOUS AND CONTINUOUS ELASTIC SYSTEMS.
AD-630 773 20K T 66 10 HC$ 4.60 MF$ 0.50

STAGNATION POINT, ELECTRODES
EXPERIMENTAL AND THEORETICAL RESEARCH ON PLASMA SHEATHS AND BOUNDARY LAYERS AROUND STAGNATION POINT ELECTRODES.
N66-15067 20I U 41 10 HC$ 1.00 MF$ 0.50

STAGNATION POINT, HYPERSONIC FLOW
ON THE USE OF THE SHOCK LAYER APPROXIMATION IN THE INVERSE HYPERSONIC BLUNT BODY PROBLEM.
AD-630 780 20D T 66 10 HC$ 5.60 MF$ 0.75

STAGNATION POINT, WAKE
LAMINAR INCOMPRESSIBLE LEADING AND TRAILING EDGE FLOWS AND THE NEAR WAKE REAR STAGNATION POINT.
AD-630 337 20D T 66 09 HC$ 4.60 MF$ 0.50

STAINLESS STEEL, BOILER TUBES
METALLURGICAL STUDY AND NIOBIUM/TYPE 316 STAINLESS STEEL DUPLEX TUBING.
NAA-SR-11191 11F U 41 09 HC$ 2.00 MF$ 0.50

STAINLESS STEEL, AUSTENITE
CAST AUSTENITIC NON-NICKEL STEEL.
AD-630 992 11F T 66 10 HC$ 1.10 MF$ 0.50

STAINLESS STEEL, CORROSION
CORROSION STUDY XXIV. THE INFLUENCE OF TEMPERATURE ON THE PASSIVATION CHARACTERISTICS OF STAINLESS STEELS.
AD-630 974 11F T 66 10 HC$ 1.60 MF$ 0.50

STAINLESS STEEL, STRESS CORROSION
STRESS CORROSION AND HYDROGEN CRACKING OF 17-7 STAINLESS STEEL.
AD-630 071 11F T 66 09

STAPHYLOCOCCUS, MONKEYS
'PHAGE TYPE AND ANTIBIOTIC SENSITIVITY OF STAPHYLOCOCCI ISOLATED FROM MONKEYS AND THEIR HUMAN HANDLERS.
AD-630 479 6M T 66 09

STARS, BETA DECAY
PHOTON-INDUCED BETA DECAY IN STELLAR INTERIORS.
AD-630 449 3B T 66 09

STARS, MATHEMATICAL MODELS
A NEW METHOD OF AUTOMATIC COMPUTATION OF STELLAR EVOLUTION.
AD-630 234 3B T 66 09

STARS, RADIO ASTRONOMY
THE MEASUREMENT OF THE FLUXES OF DISCRETE SOURCES OF COSMIC RADIO EMISSION AT FREQUENCIES BELOW 40 MHZ.
AD-630 558 3B T 66 10 HC$ 1.00 MF$ 0.50

STARS, SPECTROSCOPY
SLIT SPECTRA OF SOME PECULIAR AND METALLIC-LINE A STARS.
AD-630 104 3B T 66 09

STARS, THEORY
EVOLUTION OF O STARS. III - HELIUM BURNING.
N66-12865 3B U 41 09 HC$ 3.00 MF$ 0.75

STARS, THERMAL STABILITY
THERMAL INSTABILITY IN NON-DEGENERATE STARS.
AD-630 098 3B T 66 09

STARVATION, DISASTERS
HISTORICAL EXAMPLES OF ECOLOGICAL DISASTER. FAMINE IN RUSSIA 1921-22. FAMINE IN BECHUANALAND 1965.
AD-629 887 6F T 66 09 HC$ 9.60 MF$ 0.75

STATISTICAL ANALYSIS, GEOPHYSICS
THE STATISTICS OF ORIENTATION DATA.
AD-630 887 12A T 66 10 HC$ 2.60 MF$ 0.50

STATISTICAL ANALYSIS, PATTERN RECOGNITION
AN ADAPTIVE HYPERSPHERE DECISION BOUNDARY.
AD-631 083 9D T 66 10 HC$ 2.60 MF$ 0.50

STATISTICAL ANALYSIS, PRODUCTION CONTROL
STATISTICAL CONTROL OF A NORMAL PROCESS.
N66-12803 13H U 41 09 HC$ 1.00 MF$ 0.50

STATISTICAL ANALYSIS, RHYTHM(BIOLOGY
STATISTICAL METHODS FOR THE ANALYSIS OF PROBLEMS IN ANIMAL ORIENTATION AND CERTAIN BIOLOGICAL RHYTHMS.
AD-630 708 6C T 66 10

STATISTICAL ANALYSIS, TURBULENCE
THE GRAM-CHARLIER APPROXIMATION OF THE NORMAL LAW AND THE

STATISTICAL DESCRIPTION OF HOMOGENEOUS TURBULENT FLOW NEAR STATISTICAL EQUILIBRIUM.
AD-630 745 12A T 66 10 HC$ 2.60 MF$ 0.50

STATISTICAL DATA, TABLES
CONTINGENCY TABLES: A REVIEW.
AD-630 533 12A T 66 10 HC$ 2.00 MF$ 0.50

STATISTICAL DISTRIBUTIONS, ANALYSIS OF VARIANCE
ESTIMATION OF THE SCALE PARAMETER OF THE WEIBULL PROBABILITY DENSITY FUNCTION BY USE OF ONE ORDER AND OF M ORDER STATISTICS.
AD-630 809 12A T 66 10 HC$16.60 MF$ 1.00

ESTIMATION OF THE SCALE PARAMETER OF THE GAMMA DISTRIBUTION BY USE OF L ORDER STATISTICS.
AD-630 810 12A T 66 10 HC$20.30 MF$ 1.25

LINEAR ESTIMATION OF THE LOCATION AND SCALE PARAMETERS OF THE WEIBULL AND GAMMA PROBABILITY DISTRIBUTIONS BY THE USE OF ORDER STATISTICS.
AD-630 811 12A T 66 10 HC$24.00 MF$ 1.25

STATISTICAL FUNCTIONS, FIELD THEORY
CORRELATION FUNCTIONS FOR COHERENT FIELDS.
AD-630 079 20C T 66 09

STATISTICAL FUNCTIONS, NOISE
ON SOME NEW RESULTS IN SHOT-NOISE.
AD-631 167 20A T 66 10

STATISTICAL FUNCTIONS, PROBABILITY
SEMI-REGULAR FUNCTIONS IN MARKOV CHAINS.
AD-630 837 12A T 66 10 HC$ 4.60 MF$ 0.50

STATISTICAL MECHANICS, GASES
EXACT SOLUTIONS FOR A SEMI-INFINITE SQUARE LATTICE GAS.
AD-630 167 7D T 66 09 HC$ 2.60 MF$ 0.50

STATISTICAL MECHANICS, THEORY
GENERAL EQUATIONS OF EVOLUTION AND KINETIC EQUATIONS FOR NON UNIFORM SYSTEMS.
AD-630 141 7D T 66 09

STATISTICAL PROCESSES, INVENTORY ANALYSIS
MAXIMUM LIKELIHOOD ESTIMATION OF THE PARAMETERS OF A GEOMETRICALLY COMPOUNDED POISSON PROCESS.
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STATISTICAL PROCESSES, MEASURE THEORY
EQUILIBRIUM PROCESSES.
AD-630 343 12A T 66 09 HC$ 3.60 MF$ 0.50

STATISTICAL PROCESSES, QUALITY CONTROL
ON CERTAIN FUNCTIONALS OF NORMAL PROCESSES.
N66-13505 14D U 41 09 HC$ 1.00 MF$ 0.50

STATISTICAL TESTS, DISTRIBUTION FUNCTIONS
ON ROBUST PROCEDURES.
AD-630 888 12A T 66 10 HC$ 3.60 MF$ 0.50

STEEL, ARC WELDING
STUDY OF ELEMENTARY CRACKING PRELIMINARY STUDY OF WELDING PROCEDURE PROTOTYPE TESTS.
EURAEC-1221 13H U 41 09 HC$ 1.00 MF$ 0.50

STEEL, ELECTROLYTIC POLISHING
INVESTIGATION OF ELECTROPOLISHING SOLUTION.
AD-629 912 11K T 66 09 HC$ 2.00 MF$ 0.50

STEEL, FATIGUE(MECHANICS)
ON THE FATIGUE LIMIT BEHAVIOR OF IRON AND MILD STEEL.
AD-629 787 11F T 66 09 HC$ 1.00 MF$ 0.50

STEEL, GAMMA RAY SCATTERING
EXPERIMENTAL DETERMINATION OF THE GAMMARAY ANGULAR DOSE ALBEDOS OF CONCRETE, ALUMINUM AND STEEL.
AD-452 958 18J U 41 09 HC$ 4.60

STEEL, GAMMA RAYS
PENETRATION OF PLANE NORMAL AND PLANE SLANT GAMMA RAYS THROUGH SLABS OF ALUMINUM AND STEEL. II. ANGULAR AND ENERGY SPECTRA (PHOTON NUMBER FLUX).
PB-169 640 18F U 41 10 HC$ 4.60

STEEL, GUN BARRELS
HIGH-RATE LOADING: EFFECT ON MECHANICAL PROPERTIES OF CR-MO V AND 4340 STEEL AT AMBIENT TEMPERATURE.
AD-453 994 11F U 41 09 HC$ 3.60

STEEL, MECHANICAL WORKING
TOUCHENING HIGH STRENGTH STEEL BY WARM WORKING.
PATENT 3,228,808 13H U 41 10

STEEL, RADIATION DAMAGE
IRRADIATION EFFECTS ON REACTOR STRUCTURAL MATERIALS.
AD-630 937 8J T 66 10 HC$ 4.60 MF$ 0.50

STEEL, STRUCTURES
DETERMINATION OF FRACTURE TOUGHNESS PARAMETER OF LARGE METAL STRUCTURES. INDUSTRIAL REVIEW.
N66-13156 20K U 41 09 HC$ 1.00 MF$ 0.50

STEEL, TEMPERING
EFFECT OF TEMPERING ON THE STRENGTH, HARDNESS, AND NOTCH TOUGHNESS OF HY-130/150, 5NI-CR-MO-V STEEL.
AD-630 464 13H T 66 09 HC$ 1.00 MF$ 0.50

STEEL, TOUGHNESS
STARTER CRACKS FOR FRACTURE TOUGHNESS TESTING BY A RESONANCE FATIGUE TECHNIQUE.
AD-630 871 11F T 66 10 HC$ 1.00 MF$ 0.50

STEEL, WELDS
INTERPRETATIVE REPORT ON WELD-METAL TOUGHNESS.
AD-466 805 13H U 41 10 HC$ 3.00 MF$ 0.75

STUDY OF BASE METAL TO BE USED IN RESEARCH ON BRITTLE FRACTURE OF LARGE WELDED ASSEMBLIES. IMPACT STRENGTH, ROBERTSON AND PELLINI TESTS ON SUPER ELSO NICKEL - CHROMIUM STEEL.
EURAEC-1282 11F U 41 09 HC$ 1.00 MF$ 0.50

STEREOCHEMISTRY, ACKENES
MOLECULAR ASYMMETRY OF OLEFINS. V. RESO- LUTION OF CIS,TRANS- 1,5-CYCLOOCTADIENE.
AD-630 720 7C T 66 10

STEREOCHEMISTRY, COMPLEX COMPOUNDS
DISCRIMINATING EFFECT OF ADSORBED ASYM- METRIC FILM ELECTRODE TOWARD ELECTROACTIVE METAL COMPLEX ENANTIOMERS.
AD-629 807 7D T 66 09

STEREOSCOPIC PHOTOGRAPHY, PHOTOGRAM METRY
STEREO-MAPPING OF UNDERWATER TERRAIN FROM A SUBMARINE.
AD-630 405 8B T 66 09

STIFFENED CYLINDERS, BUCKLING(MECHANICS)
INELASTIC LOBAR BUCKLING OF CYLINDRICAL SHELLS UNDER EXTERNAL HYDROSTATIC PRESSURE.
AD-491 094 20K U 41 10 HC$ 3.60

STIFFENED CYLINDERS, COMPRESSIVE PROPERTIES
THE GENERAL INSTABILITY OF RING-STIFFENED CORRUGATED CYLINDERS UNDER AXIAL COMPRESSION.
N66-14386 20K U 41 09 HC$ 2.00 MF$ 0.50

STIFFENED CYLINDERS, STABILITY
ON THE STABILITY OF ECCENTRICALLY STIFFENED CYLINDRICAL SHELLS UNDER AXIAL COMPRESSION.
AD-630 392 20K T 66 09 HC$ 3.00 MF$ 0.50

FURTHER REMARKS ON THE EFFECT OF ECCENTRICITY OF STIFFENERS ON THE GENERAL INSTABILITY OF STIFFENED CYLINDRICAL SHELLS.
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STOCHASTIC PROCESSES, LEAST SQUARES METHOD
RECENT TRENDS IN MULTIVARIATE PREDICTION THEORY.
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STOCHASTIC PROCESSES, LINEAR PROGRAMMING
MARKOV RENEWAL PROGRAMMING BY LINEAR FRACTIONAL PROGRAMMING.
AD-631 009 12B T 66 10 HC$ 2.60 MF$ 0.50

STOCHASTIC PROCESSES, PARTIAL DIFFERENTIAL EQUATIONS
ON A PARTIAL DIFFERENTIAL EQUATION OF EPIDEMIC THEORY. I.
AD-631 051 12A T 66 10

STOCHASTIC PROCESSES, PROBABILITY
ON THE RELATION BETWEEN A PARTICULAR STOCHASTIC PROCESS AND ITS TWO IMBEDDED MARKOV CHAINS.
AD-630 606 12A T 66 10 HC$ 1.60 MF$ 0.50

STOMACH, RADIATION EFFECTS
THE EFFECT IN STOMACH OF IONIZING RADIATION ON ACID SECRETION, POTENTIAL, ADENOSINE TRIPHOSPHATE AND PHOSPHOCREATINE IN COM- PARISON TO SPLEEN.
AD-630 390 6R T 66 09 HC$ 2.60 MF$ 0.50

STORABLE PROPELLANTS, COMPATIBILITY
INVESTIGATION OF THE EFFECTS OF MECHANICAL STRESS ON THE PERMEABILITY OF ENGINEERING MATERIALS TO CERTAIN CRYOGENIC AND STORABLE PROPELLANTS USED IN LAUNCH VEHICLES.
N66-13088 22D U 41 09 HC$ 4.00 MF$ 1.00

STORAGE BATTERIES, ARC HEATERS
DESIGN AND OPERATION OF THE BATTERY POWER SUPPLY OF A HYPERSONIC PROPULSION FACILITY (U).
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STORAGE BATTERIES, BATTERY SEPARATORS
ELECTRODEPOSITED INORGANIC SEPARATORS.
N66-13474 10A U 41 10 HC$ 1.00 MF$ 0.50

STORAGE BATTERIES, MATERIALS
IMPROVED SEPARATORS FOR SILVER OXIDE-ZINC AND SILVER OXIDE-CADMIUM CELLS FOR SPACECRAFT APPLICATION.
N66-13826 10A U 41 09 HC$ 1.00 MF$ 0.50

STORAGE, JET ENGINE FUELS
STORAGE STABILITY OF HIGH TEMPERATURE FUELS.
AD-630 768 21D T 66 10 HC$ 5.00 MF$ 1.00

STORMS, CONVECTION(ATMOSPHERIC)
INITIATION OF PRECIPITATION IN VIGOROUS CONVECTIVE CLOUDS.
AD-630 617 4B T 66 10

STRAIN(MECHANICS), BODIES OF REVOLUTION
ON SAINT-VENANT'S PRINCIPLE AND THE TORSION OF SOLIDS OF REVOLUTION.
AD-630 291 20K T 66 09 HC$ 3.60 MF$ 0.50

STRATUS CLOUDS, MOISTURE
FLUCTUATIONS OF THE LARGE-DROPLET COUNT IN STRATIFORM CLOUDS.
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STREPTOCOCCUS, IDENTIFICATION
A LABORATORY MANUAL OF BACTERIOLOGICAL AND SEROLOGICAL PROCEDURES USED IN THE IDENTIFICATION OF BETA HEMOLYTIC STREPTOCOCCI.
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STRESS (PHYSIOLOGY), SOUND
PHYSIOLOGICAL RESPONSES TO HIGH INTENSITY INTERMITTENT SOUND.
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STRESS CORROSION, STAINLESS STEEL
STRESS CORROSION AND HYDROGEN CRACKING OF 17-7 STAINLESS STEEL.
AD-630 071 11F T 66 09

STRESSES, CYLINDRICAL BODIES
CYGRO-STRESS ANALYSIS OF THE GROWTH OF CONCENTRIC CYLINDERS.
WAPD-TM-514 9B U 41 10 HC$ 2.00 MF$ 0.50

STRESSES, RODS
A RE-EXAMINATION OF STRESSES IN A TENSION BAR WITH SYMMETRICAL U-SHAPED GROOVES.
AD-630 759 20K T 66 10

STRESSES, STRUCTURAL SHELLS
DYNAMIC RESPONSE OF ORTHOTROPIC CYLINDRICAL SANDWICH SHELLS UNDER INITIAL STRESS.
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STRESS(PHYSIOLOGY), CONFINED ENVIRONMENTS
PHYSIOLOGICAL STATUS OF MEN SUBJECTED TO PROLONGED CONFINEMENT.
AD-630 114 6S T 66 09 HC$ 1.00 MF$ 0.50

STRESS(PSYCHOLOGY), MILITARY PERSONNEL
RESEARCH ON PSYCHIATRIC EFFECTIVENESS OF FUTURE WEAPONS SYSTEMS CREWS.
AD-630 453 5J T 66 09 HC$ 1.00 MF$ 0.50

STRONTIUM, RADIOACTIVE ISOTOPES
ECOLOGY OF ACANTHERIA IN RELATION TO THE SR CIRCULATION IN THE SEA.
TID-21521 18H U 41 09 HC$ 2.00 MF$ 0.50

STRONTIUM, BONE
DETERMINATION OF 90SR AND STABLE STRONTIUM IN BONES FROM SHEEP EWES AND THEIR FETUSES.
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STRUCTURAL GEOLOGY, PERTURBATION THEORY
PERTURBATION THEORY FOR THE INVERSION OF BODY WAVE TRAVEL-TIME DATA.
AD-630 699 8G T 66 10 HC$ 4.60 MF$ 0.50

STRUCTURAL GEOLOGY, SEISMOLOGY
FIRST MOTIONS FROM SEISMIC SOURCES NEAR A FREE SURFACE.
AD-629 822 8K T 66 09

STRUCTURAL PARTS, STRESSES
INVESTIGATION OF PLATES AND SHELLS UNDER EXTERNAL LOADING AND ELEVATED TEMPERATURES.
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STRUCTURAL PROPERTIES, CARBON
TENSILE AND STRUCTURAL PROPERTIES OF GLASSY CARBON.
N66-13554 11B U 41 09 HC$ 1.00 MF$ 0.50

STRUCTURAL SHELLS, BUCKLING(MECHANICS
ON THE BUCKLING OF UNSTIFFENED ORTHOTROPIC AND STIFFENED CONICAL SHELLS (1,2).
AD-631 100 20K T 66 10

STRUCTURAL SHELLS, DEFORMATION
SOLVING THE PROBLEM OF A SYMMETRICALLY DEFORMED CONICAL SHELL OF LINEARLY VARIBLE THICKNESS ON THE ELECTRONIC MACHINE 'STRILLA'.
AD-630 413 20K T 66 09 HC$ 1.60 MF$ 0.50

STRUCTURAL SHELLS, FAILURE(MECHANICS)
COLLAPSE, BUCKLING AND POST FAILURE BEHAVIOR OF CYLINDRICAL SHELLS UNDER ELEVATED TEMPERATURE AND DYNAMIC LOADS.
AD-630 269 20K T 66 09 HC$ 2.00 MF$ 0.50

STRUCTURAL SHELLS, STABILITY
ON THE STABILITY OF ECCENTRICALLY STIFFENED CYLINDRICAL SHELLS UNDER AXIAL COMPRESSION.
AD-630 392 20K T 66 09 HC$ 3.00 MF$ 0.50

FURTHER REMARKS ON THE EFFECT OF ECCENTRICITY OF STIFFENERS ON THE GENERAL INSTABILITY OF STIFFENED CYLINDRICAL SHELLS.
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STRUCTURAL SHELLS, STRESSES
INVESTIGATION OF PLATES AND SHELLS UNDER EXTERNAL LOADING AND ELEVATED TEMPERATURES.
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ANALYSIS OF SHORT CYLINDRICAL SHELLS OF VARIABLE WALL THICKNESS.
PB-169 198 20K U 41 09 HC$ 1.00 MF$ 0.50

STRUCTURES, STRESSES
USE OF THE KERR EFFECT FOR STUDYING A STRESSED STATE OF THIN WALLED STRUCTURES.
AD-630 650 20K T 66 10 HC$ 1.10 MF$ 0.50

STRUCTURES, VIBRATION
THE CRITICAL DAMPING CALCULATOR AND THE EVALUATION OF MEASURING SYSTEMS TO DETERMINE DAMPING PROPERTIES OF STRUCTURES.
AD-630 433 13J T 66 09 HC$ 1.00 MF$ 0.50

RANDOM VIBRATION OF COUPLED OSCILLATORS AND COUPLED STRUCTURES.
AD-630 794 20A T 66 10 HC$14.60 MF$ 1.00

STUDENTS, AVIATION ACCIDENTS
STUDIES OF AIRCRAFT ACCIDENTS INVOLVING OFFICER TRAINEES IN THE BASIC TRAINING COMMAND FOR FISCAL 1951. PART II. A COMPARISON OF THE ACCIDENT RATE OF STUDENT OFFICER TRAINEES WHO COMMUTE FROM PENSACOLA TO WHITING FIELD AND OFFICERS RESIDING IN THE WHITING FIELD AREA.
AD-630 130 1B T 66 09 HC$ 1.10 MF$ 0.50

STUDENTS, BEHAVIOR
JAPANESE VALUES AND THE DEMOCRATIC PROCESS.
AD-630 061 5K T 66 09

STUDS, PROCESSING
SAWING TO REDUCE WARP OF LOBLOLLY PINE STUDS.
PB-169 089 13H U 41 10 HC$ 3.00 MF$ 0.50

STYRENES, REACTION KINETICS
KINETICS OF ANTHRACENE ADDITION TO POLYSTYRENES POSSESSING ONE OR TWO LIVING ENDS PER CHAIN.
AD-630 000 7D T 66 09

SUBJECT INDEXING, AUTOMATIC
PROBLEMS OF ALGORITHMIC COMPOSITION OF SUBJECT INDEXES (BRIEF SURVEY OF FOREIGN LITERATURE).
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DISCRIMINANT ANALYSIS FOR CONTENT CLASSIFICATION.
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A NATIONAL PLAN FOR SCIENCE ABSTRACTING AND INDEXING SERVICES.
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SUBMARINE HULLS, COMPOSITE MATERIALS
ELASTIC MATERIAL CONSTANTS OF FILAMENT -WOUND CYLINDERS FABRICATED FROM E-HTS/E787 AND S-HTS/E787 PREPREG ROVINGS.
AD-630 318 11D T 66 09 HC$ 2.00 MF$ 0.50

COMPOSITE PRESSURE VESSEL.
PATENT 3,228,550 13J U 41 10

SUBMARINE NOISE, PUMPS
THE GENERATION, PROPAGATION, AND REDUCTION OF NOISE IN CIRCULATING WATER PUMPING SYSTEMS.
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OVERCOMING SUBMARINE CONTROL - SURFACE JAMS AND FLOODING CASUALTIES.
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SUBMARINE MAIN BALLAST TANKS - THEORY AND METHODS FOR REFINED STRUCTURAL DESIGN.
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MODEL INVESTIGATION OF THE HATCH LOADS ACTING ON A MOTHER SUBMARINE DUE TO THE ATTACHMENT OF A RESCUE SUBMARINE.
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SUBMARINES, WATER SUPPLIES
IMPROVEMENT OF WATER DISTILLATION ON SUBMARINES.
AD-630 417 13J T 66 09 HC$ 1.10 MF$ 0.50

SUBMILLIMETER WAVES, SOLAR RADIATION
OBSERVATIONS MADE OF SUBMILLIMETER-WAVELENGTH SOLAR RADIATION USING THE MCMATH SOLAR TELESCOPE OF THE KITT PEAK NATIONAL OBSERVATORY.
N66-13141 3A U 41 09 HC$ 2.00 MF$ 0.50

SUBMINIATURE ELECTRONIC EQUIPMENT, POTENTIOMETERS
PRODUCTION ENGINEERING MEASURE FOR SUBMINIATURE, TRANSISTOR TYPE POTENTIOMETERS.
AD-631 050 14B T 66 10 HC$ 1.00 MF$ 0.50

SUBSONIC FLOW, NUMERICAL ANALYSIS
APPLICATION OF A METHOD FOR APPROXIMATING EXTREMALS OF FUNCTIONALS TO COMPRESSIBLE FLUID FLOWS.
AD-630 534 20D T 66 10 HC$ 2.00 MF$ 0.50

SUCCINIC ACIDS, REACTION KINETICS
EQUILIBRIUM AND KINETIC STUDIES OF THE DEPROTONATION OF THE MONOANION OF SEVERAL DICARBOXYLIC ACIDS IN WATER AND IN DEUTERIUM OXIDE.
AD-629 798 7D T 66 09

SUCTION SLOTS, DISKS
ON THE TORSIONAL OSCILLATIONS OF A PLANE WITH LARGE SUCTION.
AD-631 156 20D T 66 10

SUGAR ACIDS, OXIDATION
MANGANESE-CATALYZED OXIDATIONS OF 2,3-DIKE- TOGULONATE.
AD-629 845 6A T 66 09

SULFATES, RADIATION CHEMISTRY
PARAMAGNETIC CENTERS IN IRRADIATED POTASSIUM SULFATE.
AD-629 900 7E T 66 09

SULFIDES, CHEMILUMINESCENCE
UPPER LIMITS FOR CHEMILUMINESCENCE FROM SINGLE COLLISIONS OF O3 WITH NO, CO, H2S, AND CS2,
AD-630 017 7D T 66 09 HC$ 2.00 MF$ 0.50

SULFUR COMPOUNDS, POLYMERS
POLYMERIC SULFUR-, PHOSPHORUS-, CARBON NITROGEN - COMPOUNDS.
AD-629 761 7B T 66 09 HC$ 6.60 MF$ 0.75

SUNSPOTS, MAGNETIC STORMS
DOUBLE SUNSPOT-CYCLE VARIATION IN TERRESTRIAL MAGNETIC ACTIVITY, 1884-1963.
AD-630 928 4A T 66 10

SUN, SIMULATORS
A STUDY OF OPTICAL SYSTEM CONCEPTS AND HIGH INTENSITY LIGHT SOURCES FOR SOLAR RADIATION SIMULATION,
AD-464 018 14B U 41 10 HC$ 7.35

SUN, SOLAR FLARES
CLASSIFICATION OF SOLAR PROMINENCES FOR SUNSPOT CYCLE NO. 19 1963.
AD-629 956 3B T 66 09 HC$ 4.00 MF$ 0.75

SUN, SOLAR RADIATION
CATALOG OF HIGH ENERGY SOLAR PARTICLE EVENTS, 1957-1961,
AD-630 255 3B T 66 09 HC$ 1.00 MF$ 0.50

SUN, SPECTROSCOPY
THE H-ALPHA DOUBLE LIMB: A SCATTERED -LIGHT PHENOMENON.
AD-631 096 3B T 66 10

SUPER CONDUCTIVITY, BRONZE
SUPERCONDUCTIVITY OF THE ALKALI TUNGSTEN BRONZES,
AD-629 828 20L T 66 09

SUPERAERODYNAMICS, KINETIC THEORY
FREE MOLECULE SURFACE SOURCES AND SINKS AND APPLICATIONS. PART I.
AD-631 101 20D T 66 10

SUPERCONDUCTIVITY, LANTHANUM
EFFECT OF PRESSURE ON THE SUPERCONDUCTING TRANSITION TEMPERATURE OF LANTHANUM,
AD-629 826 20L T 66 09

SUPERCONDUCTIVITY, TIN ALLOYS
SUPERCONDUCTIVITY IN THE TIN-GALLIUM SYSTEM,
AD-629 824 20L T 66 09

SUPERCONDUCTIVITY, TITANIUM ALLOYS
SUPRALEITUNG UND PHASENUMWANDLUNG BEI TITANLEGIERUNGEN. I. ZUSATZE VON VANADIUM + ALUMINIUM, NIOB UND MOLYBDAN (SUPERCON-DUCTIVITY AND PHASE TRANSFORMATION IN TITANIUM ALLOYS. 1. ADDITION OF VANADIUM PLUS ALUMINUM, NIOBIUM AND MOLYBDENUM),
AD-629 830 11F T 66 09

SUPERCONDUCTORS, QUANTUM MECHANICS
WEAK TIME DEPENDENCE IN PURE SEMICONDUCTORS.
AD-629 821 20L T 66 09

SUPERFLUIDITY, QUANTUM MECHANICS
OBSERVATION OF STABLE SUPERFLUID CIRCULATION IN LIQUID-HELIUM II AT THE LEVEL OF ONE, TWO, AND THREE QUANTUM UNITS,
AD-629 827 20D T 66 09

SUPERSONIC CHARACTERISTICS, PRESSURE
AN ENGINEERING METHOD FOR RAPID CALCULATION OF SUPERSONIC-HYPERSONIC PRESSURE DISTRIBUTIONS ON LIFTING AND NON-LIFTING POINTED BODIES OF REVOLUTION AND SEVERAL SPECIAL CASES OF BLUNT-NOSED BODIES OF REVOLUTION.
AD-630 342 20D T 66 09 HC$ 3.00 MF$ 0.75

SUPERSONIC FLIGHT, RAMJET ENGINES
RAMJET TECHNOLOGY. CHAPTER 10. PRELIMINARY DESIGN FOR SUPERSONIC FLIGHT.
AD-630 827 21E T 66 10 HC$ 3.00 MF$ 0.75

SUPERSONIC FLOW, BODIES OF REVOLUTION
THE USE OF RATIONAL APPROXIMATIONS IN THE DIRECT CALCULATION OF SUPERSONIC FLOW PAST A BLUNT BODY OF REVOLUTION,
AD-630 244 20D T 66 09 HC$ 4.60 MF$ 0.50

SUPERSONIC FLOW, BOUNDARY VALUE PROBLEMS
TWO BOUNDARY VALUE PROBLEMS FROM THE THEORY OF HYPERBOLIC PARTIAL DIFFERENTIAL EQUATIONS WITH APPLICATIONS TO SUPERSONIC GAS FLOW,
AD-630 069 12A T 66 09 HC$ 2.60 MF$ 0.50

SUPERSONIC FLOW, COMBUSTION
INSTALLATION AND CALIBRATION OF A SUPERSONIC COMBUSTION TUNNEL.
PB-169 436 14B U 41 10 HC$ 2.60

SUPERSONIC FLOW, FLOW SEPARATION
CALCULATION OF LAMINAR SEPARATION WITH FREE INTERACTION BY THE METHOD OF INTEGRAL RELATIONS. PART II. TWO-DIMENSIONAL SUPERSONIC NONADIABATIC FLOW AND AXISYM- METRIC SUPERSONIC ADIABATIC AND NON- ADIABATIC FLOWS.
AD-630 765 20D T 66 10 HC$ 9.60 MF$ 0.75

SUPERSONIC FLOW, GEOMETRIC FORMS
SUPERSONIC STEADY AND UNSTEADY FLOWS OVER SLENDER AXISYMMETRIC BODIES WITH CONTINUOUS OR DISCONTINUOUT SURFACE SLOPES, PART I,
AD-630 425 20D T 66 09 HC$ 8.60 MF$ 0.75

SUPERSONIC PLANES, AERODYNAMICS
OPTIMIZATION OF AERODYNAMIC EQUATIONS.
AD-630 268 20D T 66 09 HC$12.60 MF$ 1.00

SUPERSONIC PLANES, AIR TRAFFIC CONTROL SYSTEMS
EXAMINATION OF SST HANDLING IN THE ATC SYSTEM,
AD-630 779 17G T 66 10 HC$ 1.00 MF$ 0.50

SUPERSONIC PLANES, DESIGN
SOME CONSIDERATIONS IN THE USE OF FLIGHT SIMULATORS IN THE SUPERSONIC TRANSPORT PROGRAM,
AD-629 874 1C T 66 09 HC$ 1.60 MF$ 0.50

SUPERSONIC PLANES, RAMJET ENGINES
RAMJET TECHNOLOGY. CHAPTER 10. PRELIMINARY DESIGN FOR SUPERSONIC FLIGHT.
AD-630 827 21E T 66 10 HC$ 3.00 MF$ 0.75

SURFACE PROPERTIES, METALS
EFFECT OF SURFACE ON THE MECHANICAL PROPERTIES OF METALS.
AD-630 949 11F T 66 10 HC$ 2.00 MF$ 0.50

SURGICAL TECHNIQUES, NERVES
COMPARATIVE STUDIES OF NEURORRHAPHY AND SUTURELESS PERIPHERAL NERVE REPAIR,
AD-629 981 6E T 66 09

SURVIVAL, PHYSICAL FITNESS
BODY-BUILD AND SURVIVAL IN EJECTIONS FROM NAVY AIRCRAFT,
AD-630 466 6B T 66 09 HC$ 1.10 MF$ 0.50

SWEEP GENERATORS, CALIBRATION
WIDE BAND SWEEP GENERATOR 900-A (JERROLD),
PB-169 394 9C U 41 10 HC$ 1.60 MF$ 0.50

SWEPT WINGS, HEAT TRANSFER
INTERFERENCE HEATING ON A SWEPT CYLINDER IN REGION OF INTERSECTION WITH A WEDGE AT MACH NUMBER 8.
N66-12152 20D U 41 09 HC$ 2.00 MF$ 0.50

SWEPT WINGS, PITCH
AERODYNAMIC DAMPING AND OSCILLATORY STABILITY IN PITCH FOR A MODEL OF A TYPICAL SUBSONIC JET-TRANSPORT AIRPLANE,
N66-14755 1A U 41 09 HC$ 1.00 MF$ 0.50

SYMMETRY(CRYSTALLOGRAPHY), CRYSTALLIZATION
A DENSE PACKING OF HARD SPHERES WITH FIVE-FOLD SYMMETRY.
AD-630 573 20B T 66 10

SYMPATHOLYTIC AGENTS, BLOOD CIRCULATION
THE EFFECTS OF GANGLIONIC AND ADRENERGIC BLOCKADE ON THE CIRCULATION OF THE YOUNG CHIMPANZEE.
AD-630 787 6C T 66 10 HC$ 2.60 MF$ 0.50

SYNTAX, ANALYSIS
ON REPRESENTING SYNTACTIC STRUCTURE.
PB-169 294 5B U 41 10 HC$ 2.00 MF$ 0.50

SYNTHETIC RUBBER, PREPARATION
SYNTHESIS AND POLYMERIZATION OF FLUORINATED SULFUR MODIFIED NITROSO RUBBER.
AD-461 057 11J U 41 09 HC$ 2.00

AD-461 060 11J U 41 09 HC$ 2.00

SYSTEMS ENGINEERING, FLOW CHARTING
BASIC HUMAN FACTORS TASK DATA RELATIONSHIPS IN AEROSPACE SYSTEM DESIGN AND DEVELOPMENT.
AD-630 638 5E T 66 10 HC$ 3.00 MF$ 0.75

SYSTEMS ENGINEERING, HUMAN ENGINEER ING
HUMAN FACTORS INFORMATION REQUIREMENTS FOR SPACE SYSTEM DEVELOPMENT.
N66-13331 5E U 41 10 HC$ 5.00 MF$ 1.00

SYSTEMS ENGINEERING, LOGISTICS
RAND'S ROLE IN LOGISTICS SYSTEMS,
AD-629 906 15E T 66 09 HC$ 1.60 MF$ 0.50

SYSTEMS ENGINEERING, RELIABILITY
ON CERTAIN FUNCTIONALS OF NORMAL PROCESSES.
N66-13505 14D U 41 09 HC$ 1.00 MF$ 0.50

RELIABILITY GROWTH DURING A DEVELOPMENT TESTING PROGRAM,
N66-13518 14D U 41 09 HC$ 1.00 MF$ 0.50

SYSTEMS ENGINEERING, SHIPS
CONCEPT FORMULATION AND SHIP DESIGN - THE NEW WAY,
AD-630 815 13J T 66 10 HC$ 1.00 MF$ 0.50

SYSTEMS ENGINEERING, SPACECRAFT
SYSTEMS ENGINEERING IN SPACE EXPLORATION.
N66-13842 22A U 41 09 HC$ 3.00 MF$ 0.50

S-HETEROCYCLIC COMPOUNDS, PHOTOLYSIS
PHOTOLYTIC DESULPHURIZATION OF DIBENZOYLSTILBENE EPISULPHIDE,
AD-629 834 7E T 66 09

TABLES, FUNCTIONS
BRIEF TABLE OF RING FUNCTIONS (TOROIDAL HARMONICS).
AD-630 834 12A T 66 10 HC$ 1.00 MF$ 0.50

TABLES, STATISTICAL DATA
CONTINGENCY TABLES: A REVIEW.
AD-630 533 12A T 66 10 HC$ 2.00 MF$ 0.50

TANKS(COMBAT VEHICLES), HUMAN ENGINEERING
AN EVALUATION OF THE HUMAN AND SPACE ENGINEERING STUDIES TANK, 90MM GUN, T42,
PB-169 310 19C U 41 10 HC$ 2.00 MF$ 0.50

TANKS(CONTAINERS), WATER WAVES
NON-LINEAR STANDING WAVES IN A RECTANGULAR TANK DUE TO

FORCED OSCILLATION.
AD-630 775 20D T 66 10 HC$12.60 MF$ 0.75

TANKS(OMBAT VEHICLES), HUMAN ENGINEERING
SYSTEMS EVALUATION OF THE TANK 76MM GUN, M41A1,
PB-169 311 19C U 41 10 HC$ 4.00 MF$ 1.00

TANTALUM ALLOYS, MECHANICAL PROPERTIES
EVALUATION OF REFRACTORY SHEET METALS-PART II.
AD-630 771 11F T 66 10 HC$ 1.00 MF$ 0.50

TANTALUM CAPACITORS, MANUFACTURING METHODS
PRODUCTION ENGINEERING MEASURE FOR IMPROVED RELIABILITY OF SOLID ELECTROLYTE TANTALUM CAPACITORS.
AD-630 252 9A T 66 09 HC$ 1.00 MF$ 0.50

AD-630 253 9A T 66 09 HC$ 1.00 MF$ 0.50

AD-630 694 9A T 66 10 HC$ 1.00 MF$ 0.50

TANTALUM COMPOUNDS, SYNTHESIS(CHEMISTRY)
PLASMA JET CHEMISTRY.
AD-630 549 7B T 66 10 HC$ 2.00 MF$ 0.50

TANTALUM, OXIDATION
INITIAL OXIDATION OF TANTALUM OBSERVED IN A FIELD ION MICROSCOPE,
AD-630 572 11F T 66 10

TARGET ACQUISITION, TRACKING
NUMBER OF ALTERNATIVES AND SEQUENCE LENGTH IN ACQUISITION OF A STEP-FUNCTION TRACKING TASK,
AD-629 856 5J T 66 09

TAR, ANTIFOULING COATINGS
USE OF ANTI-CORROSION AND ANTI-FOULING PAINTS BASED ON COAL TAR AND ITS MIXTURES WITH PHENOL OR EPOXY RESINS,
AD-629 863 11C T 66 09

TASTE, SENSITIVITY
EFFECT OF ALTITUDE AND OXYGEN UPON TASTE.
PB-169 440 6H U 41 09 HC$ 1.60

TEACHING MACHINES, EDUCATION
NEW SOLUTIONS TO IMPLEMENTING INSTRUCTIONAL MEDIA THROUGH ANALYSIS AND SIMULATION OF SCHOOL ORGANIZATION.
AD-436 645 5I U 41 10 HC$ 1.10

TEACHING METHODS, EFFECTIVENESS
THE USE OF CUING IN TRAINING TASKS: PHASE II.
AD-630 260 P 5I,T 66 09 HC$ 3.00 MF$ 0.75

TEACHING METHODS, HUMANS
SOME INTERACTIONS BETWEEN INDIVIDUAL DIFFERENCES AND MODES OF INSTRUCTION.
AD-631 138 5I T 66 10 HC$ 1.60 MF$ 0.50

TELEMETER SYSTEMS, PERFORMANCE(ENGINEERING)
GEODETIC SATELLITE TELEMETRY SUBSYSTEM RELIABILITY ASSESSMENT,
N66-13154 9F U 41 09 HC$ 1.00 MF$ 0.50

TELEMETER SYSTEMS, DESIGN
A UNIFIED MULTICHANNEL TELEMETERING SYSTEM FOR THE STUDY OF NUCLEAR RADIATIONS,
AD-630 996 9F T 66 10 HC$ 1.10 MF$ 0.50

TELEMETER SYSTEMS, METEOROLOGICAL BALLOONS
BALLOON-BORNE ELECTRIC METEOROGRAPH.
AD-630 668 4B T 66 10 HC$ 1.00 MF$ 0.50

TELEMETERING DATA, DETECTION
APPLICATION OF PRE-DETECTION AND RECORDING TECHNIQUES TO DATA COLLECTION SYSTEMS.
AD-629 889 9F T 66 09 HC$ 2.00 MF$ 0.50

TELESCOPES, OPTICAL EQUIPMENT
FIRST TESTS OF A UNIQUE OPTICAL TELESCOPE.
AD-630 263 20F T 66 09 HC$ 1.10 MF$ 0.50

TELEVISION CAMERAS, SCANNING
UNIQUE SCAN CLOSED-LOOP TELEVISION SYSTEM.
AD-630 905 17B T 66 10 HC$ 4.00 MF$ 1.00

TELEVISION COMMUNICATION SYSTEMS, PULSE CODE MODULATION
PCM PICTURE TRANSMISSION,
AD-630 496 17B T 66 09

TELEVISION DISPLAY SYSTEMS, FLIGHT SIMULATORS
TEST AND EVALUATION OF ELECTRONIC IMAGE GENERATION AND PROJECTION DEVICES. VOLUME III - EVALUATION OF PROJECTION SCREENS.
AD-630 659 17B T 66 10 HC$ 3.00 MF$ 0.75

DEVELOPMENT OF A HIGH RESOLUTION RESEARCH TELEVISION SYSTEM.
AD-630 941 17B T 66 10 HC$ 1.00 MF$ 0.50

TELEVISION EQUIPMENT, METEOROLOGICAL SATELLITES
NIMBUS I SPACECRAFT - TWO TELEVISION CAMERA SYSTEMS - ADVANCED VIDICON CAMERA SYSTEM AND AUTOMATIC PICTURE TRANSMISSION SYSTEM.
N66-12924 14B U 41 09 HC$ 7.48 MF$ 2.25

TEMPERATURE SENSITIVE ELEMENTS, THERMOCOUPLES
STUDY TO DETERMINE SUITABLE HIGH TEMPERATURE, HIGH ALTITUDE, TOTAL TEMPERATURE SENSORS.
N66-13968 14B U 41 09 HC$ 3.00 MF$ 0.75

TEMPERATURE, CONTROL
A CATALYST MOUNTING TECHNIQUE FOR CLOSE TEMPERATURE CONTROL,
AD-629 772 7A T 66 09

TEMPERATURE, MEASUREMENT
METHOD OF MEASURING THE TEMPERATURE FIELD OF A STREAM OF EXHAUST GASES,
AD-630 272 21E T 66 09 HC$ 1.10 MF$ 0.50

TEMPERATURE, MEASURING DEVICES(ELECTRICAL + ELECTRONIC)
CONTACTLESS METHOD OF MEASURING TRUE TEMPERATURES,
AD-630 975 14B T 66 10 HC$ 1.10 MF$ 0.50

TEMPERING, STEEL
EFFECT OF TEMPERING ON THE STRENGTH, HARDNESS, AND NOTCH TOUGHNESS OF HY-130/150, 5NI-CR-MO-V STEEL,
AD-630 464 13H T 66 09 HC$ 1.00 MF$ 0.50

TENSILE PROPERTIES, PLASTICS
NOL HYDRAULIC RING TENSILE TESTER.
PB-169 641 14B U 41 10 HC$ 2.60

TENSON ANALYSIS, MATRIX ALGBRA
MATRIX APPLICATIONS OF A QUADRATIC IDENTITY FOR DECOMPOSABLE SYMMETRIZED TENSORS,
AD-630 516 12A T 66 09

TENSOR ANALYSIS, MOMENTUM
USE OF ANGULAR-MOMENTUM TENSORS,
AD-630 308 20H T 66 09

TERBIUM, MAGNETOSTRICTION
MAGNETOSTRICTION IN SINGLE CRYSTAL TERBIUM,
AD-630 451 20L T 66 09 HC$ 6.60 MF$ 0.75

TERRAIN, ATMOSPHERIC REFRACTION
RESEARCH ON TERRAIN EFFECTS ON OPTICAL TURBULENCE GENERATION.
AD-460 727 4A U 41 09 HC$ 6.60

TERRESTRIAL MAGNETISM, CELESTIAL MECHANICS
INFLUENCE OF SOLAR ROTATION ON THE GEOMAGNETIC FIELD(I).
AD-631 062 8N T 66 10 HC$ 1.00 MF$ 0.50

TERRESTRIAL MAGNETISM, EXPLOSION EFFECTS
INTERPRETATION OF EARLY MAGNETIC TRANSIENTS CAUSED BY HIGH-ALTITUDE NUCLEAR DETONATIONS.
AD-629 985 8N T 66 09

TERRESTRIAL MAGNETISM, PROGRAMMING(COMPUTERS)
COMPUTER METHODS OF ANALYZING AEROMAGNETIC DATA.
AD-630 783 8N T 66 10 HC$ 3.00 MF$ 0.75

TERRESTRIAL MAGNETISM, SATELLITE TRAJECTORIES
THE PASSIVE MAGNETIC ORIENTATION OF SATELLITE INJUN 3.
AD-466 637 22C U 41 10 HC$ 4.60 MF$ 0.50

TERRESTRIAL MAGNETISM, SUNSPOTS
DOUBLE SUNSPOT-CYCLE VARIATION IN TERRESTRIAL MAGNETIC ACTIVITY, 1884-1963.
AD-630 928 4A T 66 10

TEST EQUIPMENT, METAL FILMS
AN ADHESION TESTER FOR EVAPORATED METAL FILMS,
RFP-672 14B U 41 09 HC$ 1.00 MF$ 0.50

TEST EQUIP MENT, CALIBRATION
WAVEGUIDE ISOLATORS FREQUENCY RANGE, 2.6 TO 26.5 GHZ.
PB-169 422 9A U 41 10 HC$ 4.60 MF$ 0.50

TEST EQUIPMENT(ELECTRONICS), ANTENNAS
LINCOLN EXPERIMENTAL TERMINAL ANTENNA SYSTEM.
AD-630 702 17B T 66 10 HC$ 3.00 MF$ 0.75

TEST EQUIPMENT, ACCELEROMETERS
EARTH'S FIELD STATIC CALIBRATOR FOR ACCELEROMETERS,
NBS-TN-269 14B U 41 10 HC$ 0.20 MF$ 0.50

TEST EQUIPMENT, CALIBRATION
DYNAMIC BETA TRANSISTOR TESTOR MODEL 870.
PB-169 366 9A U 41 10 HC$ 1.60 MF$ 0.50

SPECTRUM ANALYZER POLARAD MODEL TSA.
PB-169 423 14B U 41 10 HC$ 1.60 MF$ 0.50

TEST EQUIPMENT, CERAMIC MATERIALS
HIGH-TEMPERATURE COMPRESSIVE DEFORMATION EQUIPMENT,
UCRL-16434 18B U 41 09 HC$ 1.00 MF$ 0.50

TEST EQUIPMENT, IMPACT FUZES
TEST DEVICE FOR IMPACT AND CENTRIFUGAL SWITCHES UTILIZING A MAGNETIC FIELD TO SIMULATE INERTIAL FORCES.
PATENT 3,237,095 14B U 41 10

TEST EQUIPMENT, TENSILE PROPERTIES
NOL HYDRAULIC RING TENSILE TESTER.
PB-169 641 14B U 41 10 HC$ 2.60

TEST FACILITIES, FLORIDA
SEISMIC NOISE SURVEY, PATRICK AIR FORCE BASE, FLORIDA.
PB-169 336 8K U 41 09 HC$ 2.60 MF$ 0.50

TEST FACILITIES, ROCKET MOTORS (SOLID PROPELLANT)
ATMOSPHERIC TRANSPORT OF ROCKET MOTOR COMBUSTION BY-PRODUCTS. VOLUME I. DATA ANALYSIS AND PREDICTION TECHNIQUE.
AD-630 205 14B T 66 09 HC$15.50 MF$ 1.00

TEST FACILITIES, ROCKET MOTORS(SOLID PROPELLANT)
ATMOSPHERIC TRANSPORT OF ROCKET MOTOR COMBUSTION BY-PRODUCTS. VOLUME III. DATA SUPPLEMENT.
AD-630 206 14B T 66 09 HC$ 5.00 MF$ 1.25

ATMOSPHERIC TRANSPORT OF ROCKET MOTOR COMBUSTION BY-

PRODUCTS. VOLUME II. EXPERIMENTAL DESIGN AND FIELD INSTALLATION.
AD-630 261 14B T 66 09 HC$ 4.60 MF$ 0.50

TEST METHODS, CONTROL SYSTEMS
SINGLE PARAMETER TESTING APPLICATION.
N66-12255 9E U 41 09 HC$ 2.00 MF$ 0.50

TEST METHODS, ELEVONS
DEVELOPMENT TEST SUMMARY IN SUPPORT OF X-20 ELEVON STRUCTURAL TEST PROGRAM.
AD-630 463 22B T 66 09 HC$ 2.00 MF$ 0.50

TEST METHODS, FATIGUE(MECHANICS)
A MULTIAXIAL FATIGUE TEST FOR EVALUATION OF PLASTICS COMPOSITE MATERIALS.
AD-630 434 11D T 66 09 HC$ 2.00 MF$ 0.50

TEST METHODS, FLOW VISUALIZATION
A REVIEW OF AIR-FLOW VISUALIZATION BY MEANS OF MIST, SMOKE, AND DUST,
AD-471 882 20D U 41 10 HC$ 3.60 MF$ 0.50

TEST METHODS, FUNGUS DETERIORATION
FUNGUS RESISTANCE OF PLASTICS.
PB-169 577 11I U 41 10 HC$ 5.60

TEST METHODS, INFORMATION RETRIEVAL
METHODOLOGY FOR TEST AND EVALUATION OF DOCUMENT RETRIEVAL SYSTEMS: A CRITICAL REVIEW AND RECOMMENDATIONS,
PB-169 572 5B U 41 10 HC$ 4.00 MF$ 1.00

TEST METHODS, RADIO TRANSMITTERS
NEW METHODS FOR MEASURING SPURIOUS EMISSIONS.
AD-402 336 9E U 41 10 HC$13.60

TEST METHODS, THERMAL DIFFUSION
A PROPOSED METHOD FOR MEASURING THERMAL DIFFUSIVITY AT ELEVATED TEMPERATURES.
PB-169 472 20M U 41 10 HC$ 1.60

TEST REACTORS, ENGINEERING PERSONNEL
SHIFT CREW PERFORMANCE EVALUATION AT NUCLEAR TEST REACTORS,
IDO-17131 18M U 41 10 HC$ 1.00 MF$ 0.50

TEST REACTORS, REACTOR OPERATION
FUNDAMENTALS IN THE OPERATION OF NUCLEAR TEST REACTORS. VOLUME 5. ADVANCED TEST REACTOR DESIGN AND OPERATION.
IDO-16871-5 18D U 41 10 HC$ 5.00 MF$ 1.00

TEXTILE INDUSTRY, DISEASES
TO THE QUESTION OF THE DEGREE OF DISSEMINATION OF THE Q-FEVER AMONG THE WORKERS OF THE COTTON INDUSTRY,
AD-630 727 6J T 66 10 HC$ 1.10 MF$ 0.50

TEXTILES, WEAR RESISTANCE
HIGH-SPEED ABRASION OF TEXTILE CORDAGE ON CONCRETE,
PB-169 454 11E U 41 09 HC$ 1.00 MF$ 0.50

THEOREMS, CODING
A THEOREM ON THE MINIMUM DISTANCE OF BCH CODES OVER GF(Q),
AD-630 029 9D T 66 09 HC$ 2.60 MF$ 0.50

THEOREMS, FLUID MECHANICS
THE BERNOULLI THEOREM,
AD-630 018 20D T 66 09

THEOREMS, FUNCTIONAL ANALYSIS
ON THE MAXIMALITY THEOREM OF WERNER,
AD-631 114 12A T 66 10

THEOREMS, INTEGRAL EQUATIONS
A FIXED POINT THEOREM FOR IN THE LARGE APPLICATION OF THE CONTRACTION PRINCIPLE,
AD-629 794 12A T 66 09

THEOREMS, MATHEMATICAL PROGRAMMING
ON THE KUHN-TUCKER THEOREM.
AD-630 119 12B T 66 09 HC$ 2.60 MF$ 0.50

THEOREMS, PROBABILITY
LIMIT THEOREMS FOR TRANSIENT MARKOV CHAINS,
AD-630 944 12A T 66 10 HC$ 3.60 MF$ 0.50

THERMAL ANALYSIS, GEOMETRIC FORMS
SCALING OF ISOTHERMAL SIMPLE-SHAPED BODIES IN A TRANSIENT TEMPERATURE ENVIRONMENT,
AD-630 901 22B T 66 10 HC$ 2.60 MF$ 0.50

THERMAL CONDUCTIVITY, APPROXIMATION (MATHEMATICS)
USE OF A TRANSCENDENTAL APPROXIMATION IN TRANSIENT CONDUCTION ANALYSIS,
N66-13160 20M U 41 09 HC$ 1.00 MF$ 0.50

THERMAL CONDUCTIVITY, GASES
HEAT CONDUCTION EXPERIMENTS IN RAREFIED GASES BETWEEN CONCENTRIC CYLINDERS.
AD-630 217 20M T 66 09

THERMAL CONDUCTIVITY, HEAT-RESISTANT GLASS
THERMAL CONDUCTIVITY OF PYREX GLASS: SELECTED VALUES.
AD-630 135 11B T 66 09 HC$ 1.00 MF$ 0.50

THERMAL CONDUCTIVITY, HELIUM
THERMAL CONDUCTIVITY IN ISOTOPIC MIXTURES OF SOLID HELIUM,
AD-629 943 20L T 66 09

THERMAL CONDUCTIVITY OF ISOTOPIC MIXTURES OF SOLID HELIUM,
AD-629 944 20L T 66 09

THERMAL CONDUCTIVITY IN SOLID HE3 AND HE4,
AD-629 975 20H T 66 09

THERMAL CONDUCTIVITY, MEASUREMENT
DESIGN AND CONSTRUCTION OF A SYSTEM FOR THERMAL CONDUCTIVITY MEASUREMENTS IN THE TEMPERATURE RANGE 4 TO 300K.
AD-630 162 14B T 66 09

THERMAL CONDUCTIVITY, SEMICONDUCTORS
THERMAL AND ELECTRICAL CONDUCTIVITY OF IMPURE INDIUM ANTIMONIDE.
AD-630 161 20L T 66 09

THERMAL CONDUCTIVITY, TISSUES(BIOLOGY)
THERMAL AND ELECTRICAL CONDUCTIVITIES OF BIOLOGICAL FLUIDS AND TISSUES.
AD-630 712 6P T 66 10 HC$ 2.00 MF$ 0.50

THERMAL DIFFUSION SEPARATION, GASES
AXISYMMETRIC, LAMINAR, BINARY SHEAR LAYER WITH THERMAL DIFFUSION AND DIFFUSION-THERMO EFFECTS.
AD-631 154 7D T 66 10

THERMAL DIFFUSION, SOLIDS
A PROPOSED METHOD FOR MEASURING THERMAL DIFFUSIVITY AT ELEVATED TEMPERATURES.
PB-169 472 20M U 41 10 HC$ 1.60

THERMAL INSULATION, UNDERWATER VEHICLES
AN INVESTIGATION OF THERMAL INSULATING MATERIALS FOR UNDERSEA HABITATS.
AD-630 936 13J T 66 10 HC$ 1.00 MF$ 0.50

THERMAL RADIATION, AIR
AIR RADIATION GRAPHS: SPECTRALLY INTEGRATED FLUXES INCLUDING LINE CONTRIBUTIONS AND SELF ABSORPTION,
AD-468 061 7D U 41 10 HC$ 3.00 MF$ 0.50

THERMAL RADIATION, SOLIDS
SYMPOSIUM ON THERMAL RADIATION OF SOLIDS,
AD-629 980 20M T 66 09 HC$ 3.75 MF$ 2.75

THERMAL STABILITY, BACTERIA
RIBONUCLEIC ACID AND RIBOSOMES OF BACILLUS STEAROTHERMOPHILUS,
AD-629 966 6M T 66 09

THERMAL TARGETS, SIMULATORS
INFRARED FUZE TARGET SIMULATOR.
PATENT 3,229,093 19A U 41 10

THERMIONIC CONVERTERS, PERFORMANCE(ENGINEERING)
THEORY AND PERFORMANCE OF AUXILIARY DISCHARGE THERMIONIC ENERGY CONVERTERS,
N66-12991 10A U 41 09 HC$ 2.00 MF$ 0.50

THERMIONIC CONVERTERS, DESIGN
APPLIED THERMIONIC RESEARCH.
N66-13646 10A U 41 09 HC$ 3.00 MF$ 0.75

THERMIONIC CONVERTERS, FEASIBILITY STUDIES
THE DEVELOPMENT OF A FLAME FIRED THERMIONIC GENERATOR.
AD-629 762 10B T 66 09 HC$ 3.00 MF$ 0.75

THERMIONIC CONVERTORS, PLASMA PHYSICS
NON-EQUILIBRIUM IONIZATION USING ELECTRO- STATIC PROBING TECHNIQUES.
AD-631 005 20I T 66 10 HC$ 7.60 MF$ 0.75

THERMIONIC EMISSION- OXIDES
INVESTIGATIONS OF RARE-EARTH OXIDE CATHODES.
PB-169 469 9A U 41 10 HC$ 1.60

THERMISTORS, SOUNDING ROCKETS
THEORETICAL TIME CONSTANT AND RADIATION ERROR OF A ROCKETSONDE THERMISTOR.
AD-630 073 4B T 66 09

THERMISTORS, STABILITY
A STUDY OF THERMISTOR STABILITY,
RFP-649 18D U 41 09 HC$ 1.00 MF$ 0.50

THERMOCHEMISTRY, GERMANIUM ALLOYS
HIGH-TEMPERATURE EQUILIBRIUM IN THE GERMANIUM NICKEL SYSTEM AND THE DISSOCIATION ENERGY OF GENI.
AD-630 467 7D T 66 09 HC$ 1.00 MF$ 0.50

THERMOCOUPLES, CORRECTIONS
THERMOCOUPLE CORRECTIONS FROM IRREVERSIBILITY THEORY.
AD-630 750 14B T 66 10 HC$ 1.00 MF$ 0.50

THERMOCOUPLES, TEMPERATURE CONTROL
THE DESIGN OF A TOTAL RADIATION THERMOPILE DETECTOR.
AD-453 973 14B U 41 09 HC$ 2.60

THERMODYNAMICS, ATMOSPHERIC MOTION
THE EFFECTS OF THERMAL STRATIFICATION ON THE TURBULENT EXCHANGE IN A DIABATIC SURFACE LAYER.
AD-631 058 4B T 66 10 HC$ 2.00 MF$ 0.50

THERMODYNAMICS, FLUID MECHANICS
MACROSCOPIC EULERIAN DERIVATIVE OF A VOLUME INTEGRAL. ENTROPY OF A TURBULENT GAS. SOME SPECTRAL MEASUREMENTS OF SPACE -TIME CORRELATIONS.
AD-630 629 20D T 66 10 HC$ 4.60 MF$ 0.50

THERMODYNAMICS, IRREVERSIBLE PROCESSES
THERMOCOUPLE CORRECTIONS FROM IRREVERSIBILITY THEORY.
AD-630 750 14B T 66 10 HC$ 1.00 MF$ 0.50

THERMODYNAMICS, PHASE STUDIES
PHASE MIGRATION IN A MONOTHERMAL FIELD.

AD-630 550 20M T 66 10 HC$ 5.60 MF$ 0.50

THE CALCULATION OF VAPOR-LIQUID-EQUILIBRIA FROM AN EQUATION OF STATE,
UCRL-16407 20M U 41 09 HC$ 3.00 MF$ 0.50

THERMODYNAMICS, SURFACES
FORMULA FOR THERMAL ACCOMMODATION COEFFICIENT,
AD-631 007 20M T 66 10 HC$ 4.60 MF$ 0.50

THERMOELASTICITY, CYLINDRICAL BODIES
PLANE THERMOELASTIC DEFORMATION OF INTERNALLY HEATED ANNULAR DISKS OR HOLLOW CYLINDERS,
N66-14713 20K U 41 09 HC$ 2.00 MF$ 0.50

THERMOELECTRICITY, DIODES(SEMICONDUCTOR
INVESTIGATION OF GERMANIUM DIODES FOR THERMO-PHOTOVOLTAIC ENERGY CONVERTORS.
AD-631 038 10A T 66 10 HC$ 1.00 MF$ 0.50

THERMOELECTRICITY, INSTRUMENTATION
FABRICATION OF ONE SILICON-GERMANIUM THERMOELECTRIC TEST UNIT.
N66-13649 10A U 41 09 HC$ 2.00 MF$ 0.50

THERMOELECTRICITY, MATERIALS
BASIC STUDIES ON THERMOELECTRIC MATERIALS.
AD-421 570 20L U 41 10 HC$ 1.60

AD-430 186 20L U 41 10 HC$ 1.60

AD-445 831 20L U 41 10 HC$ 9.60

THERMOELECTRICITY, POWER SUPPLIES
300 WATT PORTABLE THERMOELECTRIC GENERATOR.
AD-630 041 10B T 66 09 HC$ 1.10 MF$ 0.50

AD-631 037 10B T 66 10 HC$ 1.10 MF$ 0.50

THERMOMETERS, HIGH-TEMPERATURE RESEARCH
TEMPERATURE SENSING SYSTEM FOR MANOMETRIC THERMOMETERS,
AD-630 265 14B T 66 09 HC$ 1.00 MF$ 0.50

THERMOPLASTICS, COMBUSTION
COMBUSTION BEHAVIOR OF THERMOPLASTIC POLYMER SPHERES.
AD-630 912 21I T 66 10 HC$25.00 MF$ 1.25

THERMOSETTING PLASTICS, DEGRADATION
WEATHERING OF GLASS REINFORCED PLASTICS.
AD-630 987 11I T 66 10 HC$ 5.00 MF$ 1.00

THEROMOELECTRICITY, BUOYS
100 WATT THERMOELECTRIC POWER SYSTEM FOR BUOY APPLICATIONS.
AD-630 171 10B T 66 09 HC$ 1.10 MF$ 0.50

THIN FILMS(STORAGE DEVICES), MAGNETIC MATERIALS
SURVEY OF MAGNETIC THIN FILM MATERIALS.
C13.46:247 9A U 41 10 MF$ 0.75

THIN FILMS, ELECTROLYSIS
ELECTROLYTIC PREPARATION OF HIGH DIELECTRIC THIN FILMS,
N66-14906 7D U 41 09 HC$ 3.00 MF$ 0.50

THIN FILMS, OPTICAL PROPERTIES
VACUUM ULTRAVIOLET RADIATION AND SOLID STATE PHYSICS.
N66-13570 20L U 41 09 HC$ 2.00 MF$ 0.50

THIOLS, RADIOPROTECTIVE AGENTS
AN ENZYMATIC EVALUATION OF THIOL RADIOPROTECTORS,
AD-630 791 6O T 66 10

THRUST, JET ENGINES
PROBLEMS OF SPACE AIR-BREATHING JET ENGINES.
AD-630 764 21A T 66 10 HC$ 1.00 MF$ 0.50

THUNDERSTORMS, USSR
THUNDERSTORM ACTIVITY OVER THE EUROPEAN USSR.
AD-630 672 4B T 66 10 HC$ 1.00 MF$ 0.50

THYMIDINES, TRACER STUDIES
THE INCORPORATION OF TRITIUM FROM THYMIDINE INTO PROTEINS OF THE MOUSE,
AD-630 331 6A T 66 09 HC$ 2.60 MF$ 0.50

THYROID GLAND, METABOLISM
STUDIES ON THE IN SITU METABOLISM OF THE CANINE THYROID GLAND,
AD-630 386 6P T 66 09

TIME SIGNALS, GENERATORS
TIME CODE GENERATOR.
PATENT 3,229,278 9D U 41 10

TIME SIGNALS, RADIO RECEIVERS
MINATURIZED RECEIVER FOR LOW ACCURACY TIME RECOVERY.
AD-462 618 17B U 41 10 HC$ 4.60

TIME SIGNALS, SYNCHRONIZATION(ELECTRONICS)
VLF ENVELOPE TIMING EXPERIMENT.
AD-630 623 17B T 66 10 HC$ 7.00 MF$ 1.50

TIME-LAG THEORY, CONTROL SYSTEMS
CONCERNING ADJOINTS OF DISCRETE-TIME SYSTEMS.
AD-629 814 12B T 66 09

TIMING DEVICES, CODING
TIME CODE GENERATOR.
PATENT 3,229,278 9D U 41 10

TIMING DEVICES, VERY LOW FREQUENCY
VLF ENVELOPE TIMING EXPERIMENT.
AD-630 623 17B T 66 10 HC$ 7.00 MF$ 1.50

TIN ALLOYS, GALLIUM ALLOYS
SUPERCONDUCTIVITY IN THE TIN-GALLIUM SYSTEM,
AD-629 824 20L T 66 09

TIN COMPOUNDS, OXIDES
A PRELIMINARY STUDY OF CERTAIN ELECTRICAL PROPERTIES OF STANNIC OXIDE CERAMICS,
N66-14907 20L U 41 09 HC$ 2.00 MF$ 0.50

TIN, DEUTERON BOMBARD MENT
ANALYSIS OF SINGLE EXCITATIONS IN INELASTIC DEUTERON SCATTERING FROM NI60, ZR92, AND SN120 NUCLEI.
AD-630 241 20H T 66 09

TIN, SINGLE CRYSTALS
THE DIFFUSION OF GOLD AND SILVER IN TIN SINGLE CRYSTALS.
AD-630 458 7D T 66 09 HC$ 1.00 MF$ 0.50

TIN, WHISKERS(CRYSTALS)
ELASTIC STRENGTH OF TIN WHISKERS IN TENSILE TESTS,
AD-629 850 11F T 66 09

TIRES, MOBILITY
PERFORMANCE OF SOILS UNDER TIRE LOADS. REPORT 3. TESTS IN CLAY THROUGH NOVEMBER 1962.
AD-631 029 8M T 66 10 MF$ 0.75

TISSUES(BIOLOGY), LUMINESCENCE
LOW-TEMPERATURE AFTERGLOW SPECTRUMS OF HUMAN CALCIFIED TISSUES,
AD-630 582 6E T 66 10

TISSUES(BIOLOGY), THERMAL CONDUCTIVITY
THERMAL AND ELECTRICAL CONDUCTIVITIES OF BIOLOGICAL FLUIDS AND TISSUES.
AD-630 303 6P T 66 09 HC$ 1.60 MF$ 0.50

TITANIUM ALLOYS, DISPERSION HARDENING
DEVELOPMENT OF A STABLE-BETA TITANIUM ALLOY.
AD-631 185 11F T 66 10 HC$ 3.60 MF$ 0.50

TITANIUM ALLOYS, MANGANESE ALLOYS
THE RESISTANCE MINIMUM IN DILUTE TI-MN ALLOYS,
AD-629 823 11F T 66 09

TITANIUM ALLOYS, REVIEWS
TITANIUM ALLOYS.
OTR-136 11F U 41 10

TITANIUM ALLOYS, SUPERCONDUCTIVITY
SUPRALEITUNG UND PHASENUMWANDLUNG BEI TITANLEGIERUNGEN. I. ZUSATZE VON VANADIUM + ALUMINIUM, NIOB UND MOLYBDAN (SUPERCON-DUCTIVITY AND PHASE TRANSFORMATION IN TITANIUM ALLOYS. 1. ADDITION OF VANADIUM PLUS ALUMINUM, NIOBIUM AND MOLYBDENUM),
AD-629 830 11F T 66 09

TITANIUM, BIBLIOGRAPHIES
TITANIUM BIBLIOGRAPHY 1900-1951.
AD-630 113 11F T 66 09 HC$ 5.60 MF$ 0.50

TITANIUM BIBLIOGRAPHY 1900-1951,
AD-630 129 11F T 66 09 HC$20.10 MF$ 1.25

TITANIUM, CHEMICAL ANALYSIS
RECOMMENDED METHODS OF THE PANEL ON METHODS OF ANALYSIS.
AD-631 099 7B T 66 10 HC$ 7.60 MF$ 0.75

TONGUE, SPEECH
AN ELECTROMYOGRAPHIC STUDY OF THE TONGUE DURING VOWEL PRODUCTION,
AD-630 574 17B T 66 10

TORPEDOES, UNDERWATER PROPULSION
EXPERIMENTS WITH A STEAM-TO-WATER PSEUDO-BLADE PROPULSOR FOR MARINE APPLICATION. PART I, TECHNICAL DISCUSSION,
AD-475 887 19H U 41 09 HC$ 4.00 MF$ 1.00

EXPERIMENTS WITH A STEAM-TO-WATER PSEUDO-BLADE PROPULSOR FOR MARINE APPLICATION. PART II, APPENDIX,
AD-475 888 19H U 41 09 HC$ 3.00 MF$ 0.75

TORPEDOES, CONTROL SYSTEMS
ELECTRICAL CONTROL SYSTEMS.
PATENT 3,228,370 19H U 41 10

TORPEDOES, EQUATIONS OF MOTION
MOTION EQUATIONS FOR TORPEDOES,
PB-169 202 19H U 41 10 HC$ 3.00 MF$ 0.75

TORPEDOES, STABILITY
THE STABILITY COEFFICIENTS OF STANDARD TORPEDOES.
PB-169 204 19H U 41 10 HC$ 3.00 MF$ 0.75

TORSION, BODIES OF REVOLUTION
ON SAINT-VENANT'S PRINCIPLE AND THE TORSION OF SOLIDS OF REVOLUTION.
AD-630 291 20K T 66 09 HC$ 3.60 MF$ 0.50

TOUGHNESS, TEST METHODS
STARTER CRACKS FOR FRACTURE TOUGHNESS TESTING BY A RESONANCE FATIGUE TECHNIQUE.
AD-630 871 11F T 66 10 HC$ 1.00 MF$ 0.50

TOXICITY, ALCOHOLS
RESEARCH ON THE INFLUENCE OF VARIATIONS IN ENVIRONMENTAL TEMPERATURES ON THE SYSTEMIC EFFECTS OF ALCOHOL ALONE AND IN COMBINATION WITH OTHER DRUGS.
AD-475 560 6T U 41 10 HC$ 2.00 MF$ 0.50

TOXICITY, CHEMICAL COMPOUNDS
CUTANEOUS TOXICITY EVALUATION OF AIR FORCE DEVELOPMENT MATERIALS - VIII.
AD-629 764 6T T 66 09 HC$ 1.00 MF$ 0.50

TOXINS + ANTITOXINS, NEUROMUSCULAR TRANSMISSION
MODE OF ACTION OF TETANUS TOXIN ON THE NEUROMUSCULAR JUNCTION.
AD-629 995 6P T 66 09

TOXINS + ANTITOXINS, POISONING
STUDIES ON MECHANISMS OF TRYPTOPHAN PYRROLASE INHIBITION DURING ENDOTOXIN POISONING.
AD-630 134 6T T 66 09 HC$ 1.00 MF$ 0.50

TOXINS + ANTITOXINS, RADIOPROTECTIVE AGENTS
ENDOTOXIN-PROTECTION OF MICE. THE RELATION- SHIP TO COLONY-FORMING UNITS.
AD-630 338 6R T 66 09 HC$ 4.60 MF$ 0.50

TOXINS + ANTITOXINS, STRENGTH
THE SYNERGY OF BACTERIAL TOXINS.
AD-630 995 6M T 66 10 HC$ 1.10 MF$ 0.50

TRACK ING, PSYCHOMOTOR TESTS
NUMBER OF ALTERNATIVES AND SEQUENCE LENGTH IN ACQUISITION OF A STEP-FUNCTION TRACKING TASK.
AD-629 856 5J T 66 09

TRACKING, DOPPLER SYSTEMS
FEASIBILITY STUDY OF DOPPLER-DIFFERENCE TRACKING SYSTEM FOR GHOST.
PB-169 429 4B U 41 09 HC$ 8.60 MF$ 0.75

TRACKING, HUMAN ENGINEERING
HUMAN OPERATOR CONTROL SYSTEMS: I. THE INTERACTION BETWEEN MODES OF INFORMATION DISPLAY AND CONTROL SYSTEM DYNAMICS WITH A SINE WAVE COURSE.
AD-630 880 5H T 66 10 HC$ 6.60 MF$ 0.75

HUMAN OPERATOR CONTROLS SYSTEMS: II. THE INTERACTION OF DISPLAY MODE, CONTROL SYSTEM DYNAMICS AND COURSE FREQUENCY.
AD-630 881 5H T 66 10 HC$ 7.60 MF$ 0.75

TRACKING, SOLAR RADIATION
THE USE OF SOLAR RADIO EMISSION FOR ANTENNA ORIENTATION.
AD-449 379 17C U 41 09 HC$ 5.60

TRAFFICABILITY, GROUND EFFECT MACHINES
EFFECTS OF AIR SURCHARGE ON THE BEARING CAPACITY OF SOFT COHESIVE SOILS.
AD-630 804 8L T 66 10 MF$ 0.50

TRAFFIC, CONTROL SYSTEMS
COLOR TOLERANCE CHARTS FOR MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.
PB-169 553 13B U 41 09 HC$ 6.00

TRAFFIC, SIMULATION
DEVELOPING AND ANALYZING FUNCTIONALLY CLASSIFIED HIGHWAY NETWORKS UTILIZING TRAFFIC SIMULATION. PHASE I.
PB-169 492 13B U 41 10 HC$ 2.00 MF$ 0.50

TRAINING DEVICES, ASTRONAUTICS
TEST AND EVALUATION OF ELECTRONIC IMAGE GENERATION AND PROJECTION DEVICES. VOLUME III - EVALUATION OF PROJECTION SCREENS.
AD-630 659 17B T 66 10 HC$ 3.00 MF$ 0.75

TRAINING DEVICES, AUTOMATION
NEW SOLUTIONS TO IMPLEMENTING INSTRUCTIONAL MEDIA THROUGH ANALYSIS AND SIMULATION OF SCHOOL ORGANIZATION.
AD-436 645 5I U 41 10 HC$ 1.10

TRAINING DEVICES, DECISION MAKING
STUDY OF FUNCTIONAL REQUIREMENTS OF TRAINING EQUIPMENT FOR ARMY COMMAND TACTICAL DECISION MAKING.
AD-630 312 5I T 66 09 HC$10.60 MF$ 0.75

TRAINING DEVICES, EFFECTIVENESS
EFFECT OF FORMAT AND DETAIL OF JOB PERFORMANCE AIDS IN PERFORMING SIMULATED TROUBLESHOOTING TASKS.
AD-629 992 5I T 66 09 HC$ 3.00 MF$ 0.50

CHANGES IN FLIGHT TRAINEE PERFORMANCE FOLLOWING SYNTHETIC HELICOPTER FLIGHT TRAINING.
AD-630 484 5I T 66 09 HC$ 1.00 MF$ 0.50

TRAINING DEVICES, FUELS
FUELS FOR SMALL ARMS NOISE SIMULATORS. DEVICE 3C65D.
AD-630 278 21D T 66 09 HC$ 7.60 MF$ 0.75

TRAINING DEVICES, LASERS
LASERS FOR TRAINING DEVICES STUDY.
AD-467 120 5I U 41 09 HC$ 1.00 MF$ 0.50

TRAINING DEVICES, MILITARY TRAINING
A SURVEY OF EUROPEAN TRAINING DEVICES.
AD-630 246 5I T 66 09 HC$ 8.60 MF$ 0.75

TRAINING DEVICES, VISUAL ACUITY
EMPTY VISUAL FIELD STUDIES: SOME EFFECTS OF CORRECTIVE LENSES, FILTERS, AND STRUCTURE.
AD-445 863 6S U 41 09 HC$ 2.60

TRAINING, HANDBOOKS
THE DEVELOPMENT OF TRAINING PROGRAMS FOR FIRST ENLISTMENT PERSONNEL IN ELECTRONICS MAINTENANCE MOS'S. III. HOW TO DESIGN THE HANDBOOK MATERIALS.
AD-631 069 5I T 66 10 HC$ 4.60 MF$ 0.50

TRAINING, PROGRAMMING(COMPUTERS)
EFFECTIVENESS OF PROGRAMMED INSTRUCTIONAL MATERIALS DESIGNED TO INTEGRATE LOWER-LEVEL SUPPORTING BEHAVIORS INTO HIGHER-LEVEL BEHAVIORS IN A LEARNING PROGRAM FOR COMPUTER FLOW CHART DESIGN.
AD-630 981 5I T 66 10 HC$ 2.00 MF$ 0.50

TRAINING, TARGET DISCRIMINATION
AN ANALYSIS OF INDUCED MOTION.
AD-630 275 5I T 66 09 HC$ 3.00 MF$ 0.75

TRAINING, TEACHING METHODS
THE USE OF CUING IN TRAINING TASKS: PHASE II.
AD-630 260 P 5I,T 66 09 HC$ 3.00 MF$ 0.75

TRAJECTORIES, ANALYSIS
THE GENERATION OF A RANDOM SAMPLE-COVAR- IANCE MATRIX.
N66-14710 12A U 41 09 HC$ 1.00 MF$ 0.50

TRAJECTORIES, MANNED SPACECRAFT
GRAVITY-ASSISTED TRAJECTORIES FOR MANNED SPACE EXPLORATION.
N66-13087 22C U 41 09 HC$ 2.00 MF$ 0.50

TRANSDUCERS, ACCELEROMETERS
FEASIBILITY STUDY OF PIEZOTRANSISTOR ACCELEROMETERS.
N66-13363 9A U 41 10 HC$ 5.00 MF$ 1.00

TRANSDUCERS, CALIBRATION
COMPUTATION OF TRANSDUCER VELOCITIES FOR VERY LARGE TRANSMITTING ARRAYS.
AD-630 551 20A T 66 10 HC$ 1.00 MF$ 0.50

TRANSDUCERS, MAGNETOSTRICTIVE ELEMENTS
BROAD BANDWIDTH FREE-FLOODING MAGNETOSTRICTIVE SCROLL TRANSDUCERS.
AD-630 770 17A T 66 10 HC$ 1.00 MF$ 0.50

TRANSFER TRAJECTORIES, OPTIMIZATION
OPTIMUM ORBITAL TRANSFER BY TWO IMPULSES OF UNEQUAL SPECIFIC IMPULSE.
AD-631 128 22C T 66 10

TRANSFORMATIONAL GRAMMARS, SELECTION
PROBLEMS OF SELECTION IN TRANSFORMATIONAL GRAMMAR.
PB-169 216 5G U 41 10 HC$ 1.00 MF$ 0.50

TRANSFORMATIONS(MATHEMATICS), SEQUENCES
CONVOLUTIONAL TRANSFORMATIONS OF BINARY SEQUENCES: BOOLEAN FUNCTIONS AND THEIR RESYNCHRONIZING PROPERTIES.
AD-630 625 9B T 66 10 HC$ 2.00 MF$ 0.50

TRANSIENTS, IONOSPHERIC PROPAGATION
TRANSIENTS IN MAGNETO-IONIC MEDIA AND INTERRELATIONS BETWEEN ORDINARY AND EXTRAORDINARY WAVE REPRESENTATIONS.
AD-630 704 20N T 66 10 HC$ 2.60 MF$ 0.50

TRANSISTOR AMPLIFIERS, ANALOG COMPUTERS
A TRANSISTORIZED RATIO AMPLIFIER EMPLOYING THE PRINCIPLE OF ELAPSED TIME COMPUTATION.
AD-630 223 9B T 66 09

TRANSISTORS, ELECTRICAL PROPERTIES
HIGH-FREQUENCY PROPERTIES OF FOUR-TERMINAL FIELD-EFFECT TRANSISTORS.
AD-629 954 9A T 66 09

TRANSISTORS, GERMANIUM
PRODUCTION ENGINEERING MEASURE FOR A GERMANIUM PNP POWER TRANSISTOR.
AD-629 893 9A T 66 09 HC$ 4.00 MF$ 0.75

TRANSISTORS, MANUFACTURING METHODS
PRODUCTION ENGINEERING MEASURE: RELIABILITY THROUGH PROCESS IMPROVEMENT (EXTENSION TO 2N2525 TRANSISTOR FAMILY).
AD-630 784 9A T 66 10 HC$ 3.00 MF$ 0.75

TRANSISTORS, OSCILLATORS
TRANSISTOR RC OSCILLATOR WITH SINGLE -ELEMENT TUNING.
AD-630 492 14B T 66 09

TRANSISTORS, RADIATION DAMAGE
EFFECT OF TRANSISTOR DESIGN PARAMETERS ON RADIATION RESPONSE (POWER TRANSISTORS).
AD-630 835 9A T 66 10 HC$ 2.60 MF$ 0.50

AD-630 836 9A T 66 10 HC$ 3.60 MF$ 0.50

TRANSISTORS, SEMICONDUCTORS
INSULATED-GATE FIELD-EFFECT TRANSISTOR USING SINGLE CRYSTAL CADMIUM SULFIDE.
AD-630 680 9A T 66 10

TRANSISTORS, SWITCHING CIRCUITS
TRANSISTORS, TRIODE, SILICON, PNP SWITCHING.
AD-443 686 9A U 41 09 HC$14.60

TRANSISTORS, TEST EQUIPMENT
DYNAMIC BETA TRANSISTOR TESTOR MODEL 870.
PB-169 366 9A U 41 10 HC$ 1.60 MF$ 0.50

TRANSISTORS, THEORY
AN ANALYTICAL APPROACH TO TRANSISTOR APPLICATION.
AD-630 063 9A T 66 09 HC$ 2.60 MF$ 0.50

ON THE INFLUENCES OF CHANGES OF CARRIER DENSITY ON THE CURRENT FLOW IN A CHANNEL.
AD-630 064 9A T 66 09 HC$ 2.60 MF$ 0.50

TRANSITION METALS, BAND THEORY OF SOLIDS
CRYSTAL-FIELD AND SPIN-ORBIT MATRIX ELEMENTS FOR TRANSITION

METAL IONS WITH CUBIC SYMMETRY,
AD-630 348 7D T 66 09

TRANSMISSION GEARS, HELICOPTERS
AN EXPERIMENTAL EVALUATION OF THE CONFORMAL GEAR.
AD-630 925 1C T 66 10 HC$ 3.00 MF$ 0.75

TRANSMISSION LINES, RADIO TRANSMITTERS
NEW METHODS FOR MEASURING SPURIOUS EMISSIONS.
AD-402 336 9E U 41 10 HC$13.60

TRANSMITTER-RECEIVERS, VERY HIGH FREQUENCY
AN/PRC-65 RADIO SET.
AD-631 084 17B T 66 10 HC$ 9.60 MF$ 0.75

TRANSONIC FLOW, BOUNDARY VALUE PROBLEMS
APPLICATION OF INTEGRAL OPERATORS TO SINGULAR DIFFERENTIAL EQUATIONS AND TO COMPUTATIONS OF COMPRESSIBLE FLUID FLOWS.
AD-630 529 20D T 66 10 HC$ 2.00 MF$ 0.50

TRANSONIC FLOW, EQUATIONS
THE EFFECT OF LONGITUDINAL VISCOSITY ON THE FLOW AT A NOZZLE THROAT,
AD-467 593 1A U 41 09 HC$ 3.00 MF$ 0.75

TRANSPORT PLANES, CONFIGURATION
C-5 PROGRAM - CARGO AND TRANSPORT SUBSYSTEM REPORT.
AD-631 186 1C T 66 10 HC$12.60 MF$ 1.00

TRANSPORT PLANES, DESIGN
SOME CONSIDERATIONS IN THE USE OF FLIGHT SIMULATORS IN THE SUPERSONIC TRANSPORT PROGRAM,
AD-629 874 1C T 66 09 HC$ 1.60 MF$ 0.50

TRANSPORT PROPERTIES, BOUNDARY VALUE PROBLEMS
A NEW INITIAL VALUE METHOD FOR INTERNAL INTENSITIES IN RADIATIVE TRANSFER,
AD-630 121 12A T 66 09 HC$ 1.00 MF$ 0.50

TRANSPORT PROPERTIES, GASES
TRANSPORT COEFFICIENTS FOR DENSE GASES,
AD-630 588 20D T 66 10 HC$ 2.60 MF$ 0.50

TRANSPORT PROPERTIES, SURFACES
A DISCUSSION OF ENERGY AND MOMENTUM TRANSFER IN GAS-SURFACE INTERACTIONS.
AD-630 522 20D T 66 10 HC$ 3.00 MF$ 0.75

TRANSPORTATION, COST EFFECTIVENESS
THE MINIMAL COST FLOW PROBLEM WITH CONVEX COSTS,
AD-631 075 12B T 66 10

TRANSPORTATION, USSR
MERCHANT MARINE TRAFFIC ORGANIZATION,
AD-629 909 13J T 66 09 HC$ 3.00 MF$ 0.75

TRAVELING-WAVE TUBES, ELECTRON BEAMS
HOLLOW BEAM FORMATION IN HIGHLY CONFINED ELECTRON FLOW.
AD-631 163 9C T 66 10 HC$ 1.60 MF$ 0.50

TRAVELING-WAVE TUBES, ELECTRON OPTICS
SEMICONDUCTOR AND O-TYPE AMPLIFIER INVESTIGATIONS.
AD-630 474 9A T 66 09 HC$ 4.60 MF$ 0.50

AD-630 484AD-630 474 9A T 66 09 HC$ 4.60 MF$ 0.50

TRAVELING-WAVE TUBES, NOISE(RADIO)
EFFECTS OF FINITE BEAM SIZE ON THE NOISE FIGURE OF TRAVELING WAVE TUBES IN HIGH MAGNETIC FIELDS.
AD-630 598 9A T 66 10 HC$ 1.60 MF$ 0.50

TRIGGER CIRCUITS, CALIBRATION
SOLID STATE STEPPING SWITCH.
PATENT 3,237,029 9A U 41 10

TRITIATED COMPOUNDS, PROTEINS
THE INCORPORATION OF TRITIUM FROM THYMIDINE INTO PROTEINS OF THE MOUSE,
AD-630 331 6A T 66 09 HC$ 2.60 MF$ 0.50

TROPICAL CYCLONES, ANALYSIS
A STUDY OF A NON-DEEPENING TROPICAL DISTURBANCE,
N66-13632 4B U 41 09 HC$ 3.00 MF$ 0.50

TROPICAL CYCLONES, SOUTHEAST ASIA
SOUTHEAST ASIA MONSOON STUDY.
AD-631 085 4B T 66 10 HC$ 2.00 MF$ 0.50

TROPICAL TESTS, ELECTRONIC EQUIPMENT
LABORATORY TEST PROCEDURES FOR PREDICTING THE TROPICAL SERVICE LIFE OF ELECTRONIC COM- PONENTS AND MATERIALS.
PB-169 579 9A U 41 10 HC$ 6.60

TROPOSPHERE, ATMOSPHERIC REFRACTION
IMPROVEMENT OF THE TROPOSPHERIC CORRECTION FOR DOPPLER DATA, BASED ON A STUDY OF UPPER AIR METEOROLOGICAL DATA,
AD-459 426 4A U 41 09 HC$ 1.60

TUNGSTEN ALLOYS, MECHANICAL PROPERTIES
EVALUATION OF REFRACTORY SHEET METALS-PART II.
AD-630 771 11F T 66 10 HC$ 1.00 MF$ 0.50

TUNGSTEN ALLOYS, RHENIUM ALLOYS
ROOM-TEMPERATURE TENSILE BEHAVIOR OF(100) ORIENTED TUNGSTEN SINGLE CRYSTALS WITH RHENIUM IN DILUTE SOLID SOLUTION,
N66-14238 11F U 41 09 HC$ 1.00 MF$ 0.50

TUNGSTEN COMPOUNDS, CERAMIC MATERIALS
THE THERMAL CONDUCTIVITY OF SOME SODIUM TUNGSTEN BRONZES,
AD-630 160 11B T 66 09

TUNGSTEN COMPOUNDS, COMPLEX COMPOUNDS
GROUP III ALKYL ADDUCTS OF TRANSITION METAL CYCLOPENTADIENIDES,
AD-630 006 7B T 66 09

TUNGSTEN COMPOUNDS, METAL CARBONYLS
NEW OLEFINIC AND ACETYLENIC COMPLEXES OF TUNGSTEN,
AD-629 809 7C T 66 09

TUNGSTEN COMPOUNDS, SYNTHESIS(CHEMISTRY)
PLASMA JET CHEMISTRY,
AD-630 549 7B T 66 10 HC$ 2.00 MF$ 0.50

TUNGSTEN, FIELD EMISSION
INVESTIGATION OF ELECTRON EMISSION CHARACTERISTICS OF LOW WORK FUNCTION SURFACES.
N66-12853 20L U 41 09 HC$ 2.00 MF$ 0.50

TUNGSTEN, SINTERING
ACTIVATION SINTERING OF TUNGSTEN AND ITS EFFECT ON SOME MECHANICAL PROPERTIES.
AD-630 440 13H T 66 09 HC$ 6.00 MF$ 1.25

TUNING DEVICES, OSCILLATORS
TRANSISTOR RC OSCILLATOR WITH SINGLE -ELEMENT TUNING.
AD-630 492 14B T 66 09

TURBULENCE, ATMOSPHERE
RESEARCH ON TERRAIN EFFECTS ON OPTICAL TURBULENCE GENERATION.
AD-460 727 4A U 41 09 HC$ 6.60

TURBULENCE, ACOUSTIC PROPERTIES
THE NEAR-SOUND FIELD OF TURBULENCE,
AD-630 684 20A T 66 10 HC$ 4.60 MF$ 0.50

TURBULENCE, BOUNDARY LAYER
EXPERIMENTAL RESEARCH ON THE EFFECT OF PRESSURE GRADIENT AND FREE STREAM TURBULENCE ON THE BOUNDARY LAYER OF A FLAT ROUGH PLATE.
AD-630 799 20D T 66 10 HC$ 2.00 MF$ 0.50

TURBULENCE, CURVED PROFILES
CURVED TURBULENT MIXING LAYER,
AD-630 722 20D T 66 10

TURBULENCE, FRICTION
FLOW STUDIES PROJECT AT OKLAHOMA STATE UNIVERSITY.
AD-629 895 20D T 66 09 HC$ 1.10 MF$ 0.50

TURBULENCE, MEASUREMENT
ON THE EFFECT OF INITIAL TURBULENCE ON THE BOUNDARY AND THE LONG RANGE OF SUBMERGED STREAM,
AD-630 287 20D T 66 09 HC$ 1.10 MF$ 0.50

TURBULENCE, OCEANOLOGY
AN ABYSSAL AUTOMATIC TURBULENCE METER, AN INSTRUMENT FOR THE REGISTRATION OF TURBULENT FLUCTUATIONS OF VELOCITY AND TEMPERATURE IN THE OCEAN,
AD-630 741 8C T 66 10 HC$ 1.00 MF$ 0.50

TURBULENCE, REACTION KINETICS
A BIMODAL APPROXIMATION FOR REACTING TURBULENT FLOWS: I. DESCRIPTION OF THE MODEL,
AD-630 400 7D T 66 09

TURBULENCE, STATISTICAL ANALYSIS
THE GRAM-CHARLIER APPROXIMATION OF THE NORMAL LAW AND THE STATISTICAL DESCRIPTION OF HOMOGENEOUS TURBULENT FLOW NEAR STATISTICAL EQUILIBRIUM.
AD-630 745 12A T 66 10 HC$ 2.60 MF$ 0.50

TURBULENCE, WAKE
GROWTH OF THE TURBULENT INNER WAKE BEHIND LARGE SPHERES AT SUPERSONIC VELOCITIES,
AD-453 850 1A U 41 10 HC$ 2.00

TURBULENT BOUNDARY LAYER, ATMOSPHERIC MOTION
TURBULENCE IN THE SURFACE LAYER OF A STRATIFIED ATMOSPHERE.
AD-631 060 4B T 66 10 HC$ 1.00 MF$ 0.50

TURBULENT BOUNDARY LAYER, BOUNDARY LAYER TRANSITION
STUDY OF THE TRANSITION OF A TURBULENT BOUNDARY LAYER INTO A LAMINAR ONE,
AD-630 868 20D T 66 10 HC$ 1.60 MF$ 0.50

TURBULENT BOUNDARY LAYER, SHOCK WAVES
ON THE MIXING THEORY OF CROCCO AND LEES AND ITS APPLICATION TO THE INTERACTION OF SHOCK WAVE AND LAMINAR BOUNDARY LAYER. PART I. GENERALS AND FORMULATION,
PB-169 441 20D U 41 10 HC$ 7.60

TURBULENT BOUNDARY LAYER, THICKNESS
THICKNESS OF THE TURBULENT MIXING ZONE ON THE BOUNDARY OF TWO STREAMS OF GASES OF DIFFERENT VELOCITY AND DENSITY,
AD-630 411 20D T 66 09 HC$ 1.10 MF$ 0.50

TWO-PHASE FLOW, BIBLIOGRAPHIES
AN INDEX TO THE TWO-PHASE GAS-LIQUID FLOW LITERATURE. PART III,
AD-630 295 20D T 66 09 HC$ 6.00 MF$ 1.25

TWO-PHASE FLOW, BOUNDARY LAYER
HYDROSTATICS OF A FLUID BETWEEN PARALLEL PLATES AT LOW BOND NUMBERS,
N66-13564 20D U 41 09 HC$ 2.00 MF$ 0.50

TWO-PHASE FLOW, PIPE FITTINGS
THE LOW-PRESSURE CRITICAL DISCHARGE OF STEAM - WATER MIXTURES FROM PIPE ELBOWS AND TEES,
BNWL-34 18J U 41 09 HC$ 2.00 MF$ 0.50

ULTRASONIC RADIATION, DRAWING(MACHINE PROCESSING)
THE APPLICATION OF ULTRASONICS TO WIRE DRAWING.
AD-630 248 13H T 66 09 HC$ 1.60 MF$ 0.50

ULTRASONIC RADIATION, LIQUID LEVEL GAGES
INVESTIGATION OF MICROWAVE AND SONIC METHODS FOR MEASURING LIQUID LEVEL AND FLOW RATE.
AD-630 315 14B T 66 09 HC$ 2.00 MF$ 0.50

ULTRASONIC RADIATION, MACHINING
AN EVALUATION OF THE ULTRASONIC MACHINING PROCESS.
AD-629 973 13H T 66 09 HC$ 1.00 MF$ 0.50

ULTRASONIC RADIATION, NON-DESTRUCTIVE TESTING
A REPORT GUIDE TO ULTRASONIC TESTING LITERATURE. VOLUME I.
AD-630 652 13H T 66 10 HC$ 4.00 MF$ 1.00

ULTRASONIC WELDING, CIRCUIT INTERCONNECTORS
BONDING OF COMPONENT LEADS AND WIRE CONDUCTORS TO THIN FILM CIRCUITS BY ULTRA-SONIC WELDING.
AD-629 946 13H T 66 09 HC$ 1.60 MF$ 0.50

ULTRAVIOLET RADIATION, DENTISTRY
LOW-TEMPERATURE AFTERGLOW SPECTRUMS OF HUMAN CALCIFIED TISSUES,
AD-630 582 6E T 66 10

ULTRAVIOLET RADIATION, LIGHT
ARGON, KRYPTON, AND XENON CONTINUUM LIGHT SOURCES FOR THE VACUUM ULTRAVIOLET.
AD-629 984 20F T 66 09

ULTRAVIOLET RADIATION, SOLAR RADIATION
SOLAR SIMULATION IN THE VACUUM AND EXTREME ULTRAVIOLET.
AD-630 470 20F T 66 09 HC$ 3.00 MF$ 0.50

UNCERTAINTY, LINEAR PROGRAMMING
TWO-STAGE LINEAR PROGRAM UNDER UNCERTAINTY: A BASIC PROPERTY OF THE OPTIMAL SOLUTION.
AD-630 620 12B T 66 10 HC$ 1.60 MF$ 0.50

UNCONVENTIONAL WARFARE, BIBLIOGRAPHIES
BIBLIOGRAPHY ON COUNTERINSURGENCY, UNCONVENTIONAL WARFARE, AND PSYCHOLOGICAL OPERATIONS: SUPPLEMENT NO. 8,
AD-630 774 15G T 66 10 HC$ 9.60 MF$ 0.75

UNDER WATER PHOTOGRAPHY, PHOTOGRAMMETRY
STEREO-MAPPING OF UNDERWATER TERRAIN FROM A SUBMARINE,
AD-630 405 8B T 66 09

UNDERGROUND ANTENNAS, DIPOLE ANTENNAS
THE NEAR FIELDS OF SUBSURFACE ELECTRIC DIPOLE ANTENNAS.
AD-629 878 20N T 66 09 HC$ 1.60 MF$ 0.50

THE NEAR FIELDS OF SUBSURFACE MAGNETIC DIPOLE ANTENNAS.
AD-629 916 20N T 66 09 HC$ 1.60 MF$ 0.50

UNDERGROUND EXPLOSIONS, ACOUSTIC DETECTORS
LONG RANGE SEISMIC MEASUREMENTS - YUBA.
AD-631 105 17A T 66 10 HC$ 2.60 MF$ 0.50

UNDERGROUND EXPLOSIONS, DEBRIS
EVALUATION OF MISSILE HAZARD, UNDERGROUND SHOT,
AD-629 883 19D T 66 09 HC$ 2.60 MF$ 0.50

UNDERGROUND EXPLOSIONS, DETECTION
APPLICATION OF SOLID STATE TECHNIQUES TO THE ON-SITE INSPECTION PROBLEM.
AD-454 600 17E U 41 10 HC$ 6.60

UNDERGROUND STRUCTURES, NUCLEAR EXPLOSION DAMAGE
FEASIBILITY OF MODELING CAVITY BEHAVIOR IN JOINTED ROCK MASSES.
AD-631 028 18C T 66 10 HC$14.60 MF$ 1.00

UNDERWATER EXPLOSIONS, SEISMOLOGY
LONG RANGE SEISMIC MEASUREMENTS. CHASE IV,
AD-631 052 17J T 66 10 HC$ 2.00 MF$ 0.50

UNDERWATER LIGHT, LASERS
UNDERWATER OPTICS.
AD-631 033 20F T 66 10 HC$ 1.00 MF$ 0.50

UNDERWATER PROPULSION, TORPEDOES
EXPERIMENTS WITH A STEAM-TO-WATER PSEUDO-BLADE PROPULSOR FOR MARINE APPLICATION. PART I, TECHNICAL DISCUSSION,
AD-475 887 19H U 41 09 HC$ 4.00 MF$ 1.00

EXPERIMENTS WITH A STEAM-TO-WATER PSEUDO-BLADE PROPULSOR FOR MARINE APPLICATION. PART II, APPENDIX,
AD-475 888 19H U 41 09 HC$ 3.00 MF$ 0.75

UNDERWATER SOUND EQUIPMENT, CALIBRATION
RECIPROCITY CALIBRATION IN A TUBE WITH ACTIVE-IMPEDANCE TERMINATION.
AD-630 351 20A T 66 09

UNDERWATER SOUND, ARCTIC OCEAN
SEISMOMETERS ON ARCTIC ICE FOR DETECTION OF UNDERWATER ACOUSTIC DISTURBANCES.
AD-631 080 20A T 66 10 HC$ 2.00 MF$ 0.50

UNDERWATER SOUND, ICE ISLANDS
NATURAL AND MAN-MADE ICE VIBRATIONS IN THE CENTRAL ARCTIC OCEAN IN THE FREQUENCY RANGE FROM 0.1 TO 100 CPS.
AD-467 176 8L U 41 10 HC$ 6.60 MF$ 0.75

UNDERWATER VEHICLES, THERMAL INSULATION
AN INVESTIGATION OF THERMAL INSULATING MATERIALS FOR UNDERSEA HABITATS.
AD-630 936 13J T 66 10 HC$ 1.00 MF$ 0.50

UPPER ATMOSPHERE, CHEMICAL REACTIONS
INVESTIGATION OF CHARGE NEUTRALIZATION PHENOMENA BETWEEN POSITIVE AND NEGATIVE IONS.
AD-630 904 7D T 66 10 HC$ 2.00 MF$ 0.50

UPPER ATMOSPHERE, ELECTRIC FIELDS
ON THE USE OF ELECTRICAL ION SOURCES FOR ION TRACER EXPERIMENTS IN THE MAGNETOSPHERE,
N66-13605 4A U 41 09 HC$ 1.00 MF$ 0.50

UPPER ATMOSPHERE, ELECTRON DENSITY
THE CONDITION OF THE UPPER ATMOSPHERE BASED ON THE ELECTRON DENSITY PROFILES OF THE F REGION,
AD-629 757 4A T 66 09

UPPER ATMOSPHERE, ELECTRONS
OUTER ZONE ELECTRONS,
N66-13077 22C U 41 09 HC$ 2.00 MF$ 0.50

UPPER ATMOSPHERE, FIELD THEORY
TRANSIT ACCELERATION OF CHARGED PARTICLES IN AN INHOMOGENEOUS ELECTROMAGNETIC FIELD.
AD-630 376 20C T 66 09

UPPER ATMOSPHERE, METEOROLOGICAL PARAMETERS
METEOROLOGICAL ROCKET NETWORK FIRINGS. VOLUME XXXIX. NOVEMBER 1964 FIRINGS.
AD-466 651 4A U 41 10 HC$28.20 MF$ 1.50

METEOROLOGICAL ROCKET NETWORK FIRINGS. VOLUME XXI. MAY 1963 FIRINGS.
AD-467 545 4B U 41 10 HC$18.40 MF$ 1.00

UPPER ATMOSPHERE, SAMPLING
DETERMINATION AND MICRORIAL SURVIVAL OF CRYOGENIC WHOLE AIR SAMPLING CONDITIONS.
N66-13095 6M U 41 09 HC$ 2.00 MF$ 0.50

UPPER ATMOSPHERE, TURBULENCE
TURBULENCE NEAR THE 100 KILOMETER LEVEL OF THE UPPER ATMOSPHERE.
N66-13571 4A U 41 09 HC$ 4.00 MF$ 0.75

UPPER ATMOSPHERE, WIND
TIME HISTORY OF THE MAGNETOSPHERIC CAVITY,
N66-14961 20H U 41 10 HC$ 2.00 MF$ 0.50

URANIUM COMPOUNDS, FLUORIDES
METHODES PHYSIQUES D'ANALYSE DE L'HEXAFLUORURE D'URANIUM (PHYSICAL ANALYTICAL METHODS FOR URANIUM HEXAFLUORIDE).
PB-169 159 7B U 41 09 HC$ 2.00 MF$ 0.50

URANIUM COMPOUNDS, NITRIDES
LABORATORY PREPARATION OF URANIUM NITRIDE MICROSPHERES BY A SOL-GEL TECHNIQUE,
ORNL-3879 7A U 41 10 HC$ 2.00 MF$ 0.50

URANIUM COMPOUNDS, OXIDES
THERMAL CONDUCTIVITY OF SINTERED URANIUM OXIDE UNDER IN-PILE CONDITIONS.
EURAEC-1095 11F U 41 09 HC$ 4.00 MF$ 0.75

URANIUM, ABSORPTION SPECTRUM
A KINETIC STUDY OF THE CHANGE IN THE ABSORPTION SPECTRUM OF URANIUM (IV) SOLUTIONS, WITH TIME, AT LOW ACIDITES,
SC-RR-65-629 7B U 41 10 HC$ 1.00 MF$ 0.50

URANIUM, CRITICAL ASSEMBLIES
SPECTRAL INDICES OF A 4.29 PER CENT 235 U -ENRICHED URANIUM METAL EXPONENTIAL COLUMN,
LA-3406 18K U 41 09 HC$ 2.00 MF$ 0.50

URANIUM, DIPOLE MOMENTS
MAGNETIC-DIPOLE INTENSITIES AND ZEEMAN EFFECT IN CS2UC16,
AD-630 681 20L T 66 10

URANIUM, RADIO CHEMISTRY
RADIOCHEMISTRY OF PLUTONIUM AND URANIUM IN SOIL,
AD-446 343 7E U 41 09 HC$ 1.00

URANIUM, RECOVERY
FLUID BED ASH RECOVERY. PADUCAH PLANT LABORATORY, JUNE-AUGUST 1961,
KY-L-379 7A U 41 09 HC$ 1.00 MF$ 0.50

URBAN AREAS, NUCLEAR EXPLOSION DAMAGE
NUCLEAR BLAST EFFECTS ON A METROPOLITAN ECONOMY,
AD-631 026 15C T 66 10 HC$11.60 MF$ 0.75

URBAN PLANNING, DATA STORAGE SYSTEMS
SYSTEM CONSIDERATIONS IN BUILDING A METROPOLITAN DATA BANK FOR URBAN RESEARCH,
AD-630 146 13B T 66 09 HC$ 1.60 MF$ 0.50

URBAN PLANNING, ROADS
DEVELOPING AND ANALYZING FUNCTIONALLY CLASSIFIED HIGHWAY NETWORKS UTILIZING TRAFFIC SIMULATION. PHASE I.
PB-169 492 13B U 41 10 HC$ 2.00 MF$ 0.50

URBAN PLANNING, STATISTICAL ANALYSIS
SPAN REFERENCE MANUAL. SPAN: INTRODUCTION AND GENERAL DESCRIPTION.
AD-425 530 9B U 41 10 HC$ 2.60

SPAN REFERENCE MANUAL. SPAN SYSTEM OPERATION.
PB-169 556 9B U 41 10 HC$ 2.00 MF$ 0.50

USSR, ATTITUDES
KREMLIN MOODS,

AD-430 881 5D U 41 10 HC$30.40

VACCINES, AEROSOLS
REACTOGENICITY AND EFFECTIVENESS OF AEROGENIC VACCINATION AGAINST CERTAIN ZOONOSES,
AD-630 735 6E T 66 10 HC$ 1.10 MF$ 0.50

VACCINES, EFFECTIVENESS
STUDY OF THE REACTION TO CHEMICALLY SORBED ANTHRAX VACCINE IN SMALL GROUPS OF PEOPLE,
AD-630 738 6E T 66 10 HC$ 1.10 MF$ 0.50

VACCINES, IMMUNITY
A TEST OF THE SUITABILITY OF DRY LIVE TULAREMIA VACCINE AND TULARIN FOR THE ERECTION OF A SKIN REACTION,
AD-630 724 6M T 66 10 HC$ 1.10 MF$ 0.50

VAN ALLEN RADIATION BELT, PROTONS
AN ENVIRONMENTAL MODEL FOR VAN ALLEN BELT PROTONS,
N66-13126 4A U 41 09 HC$ 2.00 MF$ 0.50

VANADIUM COMPOUNDS, OXIDES
PREPARATION AND PROPERTIES OF CRYSTALLINE AND GLASSY VANADIUM PENTOXIDE.
AD-630 013 20L T 66 09 HC$ 1.00 MF$ 0.50

VAPOR PLATING, CARBON
DEPOSITION OF CARBON ON DIAMOND SEED CRYSTALS.
AD-630 705 13H T 66 10 HC$ 2.60 MF$ 0.50

VAPOR PLATING, SOLID STATE PHYSICS
INVESTIGATION OF BRAZING TECHNIQUES FOR FERRIMAGNETIC MATERIALS.
AD-630 700 13H T 66 10 HC$ 3.00 MF$ 0.75

VARACTOR DIODES, MANUFACTURING METHODS
PRODUCTION ENGINEERING MEASURE (PEM) FOR SILICON VARACTOR DIODE.
AD-630 196 9A T 66 09 HC$ 5.60 MF$ 0.75

VEGETABLES, DEHYDRATED FOODS
DEHYDRATED FRUIT AND VEGETABLES,
AD-630 844 6H T 66 10 HC$ 3.60 MF$ 0.50

VEGETABLES, PREPARATION
METHODS FOR PRODUCING TEMPEH.
PATENT 3,228,773 6H U 41 10

VEHICLE INSTRUMENTS, TESTS
TESTING OF DRIVELESS HUBODOMETERS.
AD-630 435 13F T 66 09 HC$ 1.60 MF$ 0.50

VELOCITY, METERS
A METHOD TO CORRECT RECORDS FROM DISTRIBUTED PARAMETER VELOCITY TRANSDUCERS FOR HIGH FREQUENCY RESONANCE DISTORTIONS.
AD-630 115 14B T 66 09 HC$ 1.00 MF$ 0.50

VENTILATION, FALLOUT SHELTERS
DETERMINATION OF SHELTER CONFIGURATION FOR VENTILATION.
AD-629 928 13M T 66 09 HC$ 1.10 MF$ 0.50

EXPERIMENTAL STUDIES OF FALLOUT SHELTER VENTILATION REQUIREMENTS.
AD-630 423 18F T 66 09 HC$ 3.00 MF$ 0.50

VENTILATION, SHELTERS
EXPERIMENTAL EVALUATION OF ENVIRONMENTAL CONTROL SYSTEMS FOR CLOSED SHELTERS,
AD-445 002 6K U 41 10 HC$ 7.60

VENTURI TUBES, PERFORMANCE (ENGINEERING)
ON THE DETAILED FLOW STRUCTURE AND THE CORRESPONDING DAMAGE TO TEST SPECIMENS IN A CAVITATING VENTURI.
N66-13517 14B U 41 09 HC$ 6.00 MF$ 1.50

VENUS, INFRARED SPECTROSCOPY
SOLAR SYSTEM SPECTROPHOTOMETRY. DESIGN CONSIDERATIONS FOR A MULTIPLEX DISPERSIVE INFRARED SPECTROMETER.
AD-631 045 3A T 66 10 HC$ 4.60 MF$ 0.50

VENUS, LANDINGS
VOYAGER DESIGN STUDY. VOLUME IV. SYSTEM DESIGN.
N66-13403 22B U 41 10 HC$ 8.66 MF$ 2.75

VERBAL BEHAVIOR, INTELLIGIBILITY
VERBAL COMMUNICATION INTELLIGIBILITY IN OXYGEN-HELIUM, AND OTHER BREATHING MIXTURES, AT LOW ATMOSPHERIC PRESSURES.
AD-630 478 17B T 66 09

VERTICAL TAKE-OFF PLANES, AERODYNAMIC CHARACTERISTICS
WIND TUNNEL TEST OF 1/7 SCALE MODEL OV-1.
AD-630 924 1A T 66 10 HC$ 9.60 MF$ 0.75

VERY HIGH FREQUENCY, ATTENUATORS
VHF ATTENUATORS 355A, 355C (HEWLETT-PACKARD).
PB-169 393 9A U 41 10 HC$ 1.10 MF$ 0.50

VERY LOW FREQUENCY, RADIO NAVIGATION
AN EXPERIMENT IN ARCTIC VLF NAVIGATION.
AD-630 786 17G T 66 10 HC$ 2.00 MF$ 0.50

VERY LOW FREQUENCY, TIMING DEVICES
VLF ENVELOPE TIMING EXPERIMENT.
AD-630 623 17B T 66 10 HC$ 7.00 MF$ 1.50

VERY LOW FREQUENCY, WHISTLERS
AN ATLAS OF VLF EMISSION SPECTRA OBSERVED WITH THE 'HISS RECORDER'.
C13.46:226 4A U 41 10 MF$ 0.50

VESTIBULAR APPARATUS, WEIGHTLESSNESS
OTOLITH ORGAN ACTIVITY WITHIN EARTH STANDARD, ONE-HALF STANDARD, AND ZERO GRAVITY ENVIRONMENTS.
N66-13097 6S U 41 09 HC$ 1.00 MF$ 0.50

VIBRATION ISOLATORS, DESIGN
ANALYSIS AND DESIGN OF ELASTO-PLASTO-VISCOUS POINT VIBRATION DAMPERS.
N66-13648 20K U 41 09 HC$ 4.00 MF$ 1.00

VIBRATION ISOLATORS, IMPACT SHOCK
DOUBLE-ACTING SHOCK ABSORBER.
PATENT 3,228,492 13M U 41 10

VIBRATION ISOLATORS, MACHINES
MACHINERY FOUNDATION AND METHOD OF ASSEMBLING.
PATENT 3,228,638 13M U 41 10

VIBRATION ISOLATORS, SYNCHRONIZATION(ELECTRONICS)
ANALYTICAL RESEARCH ON A SYNCHRONOUS GYROSCOPIC VIBRATION ABSORBER.
N66-12160 1D U 41 09 HC$ 3.00 MF$ 0.75

VIBRATION, DYNAMICS
VIBRATIONS OF DYNAMICAL SYSTEMS WITH QUADRATIC NONLINEARITIES,
AD-630 334 20K T 66 09

VIBRATION, OSCILLATION
RANDOM VIBRATION OF COUPLED OSCILLATORS AND COUPLED STRUCTURES.
AD-630 794 20A T 66 10 HC$14.60 MF$ 1.00

VIBRATION, PERFORMANCE(HUMAN)
THE EFFECT OF LOW FREQUENCY, HIGH AMPLITUDE, WHOLE BODY, LONGITUDINAL AND TRANSVERSE VIBRATION UPON HUMAN PERFORMANCE.
AD-630 012 6S T 66 09 HC$ 4.60 MF$ 0.50

EVALUATION OF PEAK VS. RMS ACCELERATION IN PERIODIC LOW FREQUENCY VIBRATION EXPOSURES,
AD-630 785 6S T 66 10

VIBRATION, RESPIRATION
EFFECT OF CO2 AND WHOLE-BODY VIBRATION ON VENTILATION,
AD-630 579 6S T 66 10

VIBRATION, VISCOELASTICITY
A CORRESPONDENCE PRINCIPLE FOR FREE VIBRATIONS OF A VISCOELASTIC SOLID.
AD-630 486 20K T 66 09 HC$ 1.00 MF$ 0.50

VIDEO SIGNALS, PROPAGATION
PROPAGATION DATA AND SERVICE CALCULATION PROCEDURES USED FOR THE RESCINDED APPENDIX 'A' OF REPORT AND ORDER (DOCKET 11532) RELEASED JUNE 26, 1956,
PB-169 426 17B U 41 09 HC$ 4.60 MF$ 0.50

VINYL PLASTICS, POLYMERIZATION
A STUDY OF THE FAST NEUTRON-INDUCED GELATION OF TRIETHYLENE GLYCOL DIMETHACRYLATE USING 14-MEV NEUTRONS.
AD-630 891 7E T 66 10 HC$ 2.00 MF$ 0.50

VIRGINIA, ROADS
CHANGES IN VIRGINIA'S HIGHWAY TAX LAWS, 1954-1964,
PB-169 510 5C U 41 10 HC$ 2.00 MF$ 0.50

VIRUS DISEASES, GERM-FREE ANIMALS
VIRAL STATUS OF 'GERMFREE' MICE,
AD-630 952 6C T 66 10

VISCOELASTICITY, THEORY
A SHORT SURVEY OF VISCOELASTIC THEORY.
AD-629 785 20K T 66 09 HC$ 2.00 MF$ 0.50

VISCOELASTICITY, VIBRATION
A CORRESPONDENCE PRINCIPLE FOR FREE VIBRATIONS OF A VISCOELASTIC SOLID.
AD-630 486 20K T 66 09 HC$ 1.00 MF$ 0.50

VISCOSITY, STABILITY
ON STABILITY OF VISCOPLASTIC SYSTEMS WITH THERMOMECHANICAL COUPLING.
AD-630 922 20K T 66 10 HC$ 1.60 MF$ 0.50

VISION, ADAPTATION(PHYSIOLOGY)
FURTHER STUDIES ON PIGMENT MIGRATION AND SENSITIVITY CHANGES IN THE COMPOUND EYE OF NOCTURNAL INSECTS,
AD-630 186 6P T 66 09

VISION, SENSITIVITY
SPATIAL INTERACTION IN THE HUMAN RETINA DURING SCOTOPIC VISION,
AD-630 153 6P T 66 09

VISION, THRESHOLDS(PHYSIOLOGY)
BRIGHTNESS INTENSIFIER STUDY.
AD-631 188 9A T 66 10 HC$ 5.60 MF$ 0.50

VISUAL PERCEPTION, DEGRADATION
EMPTY VISUAL FIELD STUDIES: SOME EFFECTS OF CORRECTIVE LENSES, FILTERS, AND STRUCTURE.
AD-445 863 6S U 41 09 HC$ 2.60

VISUAL ACUITY, VISUAL SIGNALS
EMPTY VISUAL FIELD STUDIES: SOME EFFECTS OF CORRECTIVE LENSES, FILTERS, AND STRUCTURE.
AD-445 863 6S U 41 09 HC$ 2.60

VISUAL PERCEPTION, ACCELERATION
OTOLITH SHEAR AND THE VISUAL PERCEPTION OF FORCE DIRECTION:

DISCREPANCIES AND A PROPOSED RESOLUTION.
AD-630 946 65 T 66 10 HC$ 3.00 MF$ 0.75

VISUAL PERCEPTION, MOTION
THE INFLUENCE OF REPETITION RATE ON APPARENT MOVEMENT.
AD-630 607 5J T 66 10 HC$ 1.00 MF$ 0.50

VISUAL PERCEPTION, ROTATION
PERCEPTION OF THE VISUAL HORIZONTAL IN NORMAL AND LABYRINTHINE DEFECTIVE SUBJECTS DURING PROLONGED ROTATION,
N66-13560 6S U 41 09 HC$ 1.00 MF$ 0.50

VISUAL SIGNALS, PERCEPTION
EXPERIMENTS ON THE EFFECTS OF INPUT VARIABLES ON MULTI-TARGET ALPHABETIC DISPLAYS.
AD-630 333 5J T 66 09 HC$ 2.00 MF$ 0.50

VISUAL SIGNALS, ROADS
AN EXPERIMENTAL GLARE SCREEN INSTALLATION ON U. S. 101 IV-MRN-1-C BETWEEN TAMALPAIS ROAD AND CORTE MADERA CREEK,
PB-169 514 13B U 41 10 HC$ 2.00 MF$ 0.50

VOCABULARY, INFORMATION RETRIEVAL
THESAURUS OF FAA DESCRIPTORS,
PB-169 543 5B U 41 09 HC$ 6.00 MF$ 1.25

VOICE COMMUNI CATION SYSTEMS, INTELLIGIBILITY
TECHNIQUE FOR EVALUATION OF SPEECH SYSTEMS.
AD-462 836 17B U 41 10 HC$ 3.00

AD-473 995 17B U 41 10 HC$ 3.00 MF$ 0.75

VOICE COMMUNICATION SYSTEMS, SCIENTIFIC RESEARCH
PERFORMANCE EVALUATION OF SPEECH PROCESSING DEVICES. II. THE ROLE OF INDIVIDUAL DIFFERENCES.
AD-630 428 9D T 66 09 HC$ 3.00 MF$ 0.75

VOICE COMMUNICATION SYSTEMS, ENVIRONMENTAL TESTS
VERBAL COMMUNICATION INTELLIGIBILITY IN OXYGEN-HELIUM, AND OTHER BREATHING MIXTURES, AT LOW ATMOSPHERIC PRESSURES.
AD-630 478 17B T 66 09

VORTICES, ACOUSTIC PROPERTIES
EXCITATION OR RESONANCE BY AIR FLOW (VOZBUZHDENIE REZONATOROV POTOKOM VOZDUKHA),
AD-630 682 20A T 66 10 HC$ 1.60 MF$ 0.50

VORTICES, FLUIDS
CONCENTRATED VORTEX MOTIONS IN FLUIDS (ABSTRACTS OF PAPERS).
AD-630 589 20D T 66 10 HC$ 3.00 MF$ 0.75

VORTICES, PLASMA MEDIUM
MEASUREMENTS ON PLASMA VORTICES AND TURBULENCE,
AD-629 799 20I T 66 09

VORTICES, QUANTUM MECHANICS
VORTICES IN AN IMPERFECT BOSEGAS. III. SCATTERING OF SINGLE PARTICLE EXCITATIONS,
AD-630 279 20J T 66 09

WAKE, AXIALLY SYMMETRIC FLOW
RESEARCH STUDIES CONDUCTED AT THE POLYTECHNIC INSTITUTE OF BROOKLYN AEROSPACE INSTITUTE,
AD-630 557 20D T 66 10 HC$ 1.60 MF$ 0.50

WAKE, GAS IONIZATION
IONIZATION IN HYPERSONIC WAKES. REVIEW OF MICROWAVE PROBE INSTRUMENTATION AND SUMMARY OF PRELIMINARY DATA.
AD-294 868 1A U 41 10 HC$ 3.00

MILLIMETER WAVELENGTH FOCUSED PROBES AND FOCUSED, RESONANT PROBES FOR USE IN STUDYING IONIZED WAKES BEHIND HYPERSONIC VELOCITY PROJECTILES.
AD-413 158 1A U 41 10 HC$ 3.00

WAKE, HELICOPTER ROTORS
THEORETICAL PREDICTION OF THE FLOW IN THE WAKE OF A HELICOPTER ROTOR. PART I. DEVELOP- MENT OF THEORY AND RESULTS OF COMPUTATIONS.
AD-629 782 20D T 66 09 HC$ 9.60 MF$ 0.75

THEORETICAL PREDICTION OF THE FLOW IN THE WAKE OF A HELICOPTER ROTOR. PART 2. FORMULA- TION AND APPLICATION OF THE ROTOR-WAKE-FLOW COMPUTER PROGRAM.
AD-629 783 20D T 66 09 HC$ 8.60 MF$ 0.75

WAKE, PROGRAMMING(COMPUTERS)
THEORETICAL PREDICTION OF THE FLOW IN THE WAKE OF A HELICOPTER ROTOR. PART 2. FORMULA- TION AND APPLICATION OF THE ROTOR-WAKE-FLOW COMPUTER PROGRAM.
AD-629 783 20D T 66 09 HC$ 8.60 MF$ 0.75

WAKE, STABILITY
INSTABILITIES OF 'TOP-HAT' JETS AND WAKES IN COMPRESSIBLE FLUIDS,
AD-630 962 20D T 66 10

WALLS, FIRE SAFETY
EFFECT OF WALL LININGS ON FIRE PERFORMANCE WITHIN A PARTIALLY VENTILATED CORRIDOR.
PB-169 090 13L U 41 10 HC$ 2.00 MF$ 0.50

WARFARE, ECONOMICS
INCREASING RETURNS IN MILITARY PRODUCTION FUNCTIONS,
AD-629 880 15G T 66 09 HC$ 3.60 MF$ 0.50

WARFARE, GAME THEORY
TARLOS: A DIFFERENTIAL GROUND COMBAT MODEL,
AD-629 879 15G T 66 09 HC$ 1.60 MF$ 0.50

WARFARE, HISTORY
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PATENT 3,228,638 13M U 41 10

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MEASURING DEVICE.
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MAGNETOSTRICTION EFFECTS IN REMANENCE PHASE SHIFTERS.
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PATENT 3,229,157 20G U 41 10

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RADIO FREQUENCY FREE COMMUNICATION SYSTEM.
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PATENT 3,228,980 7C U 41 10

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TWO-DIMENSIONAL HEAT TRANSFER IN RADIATING STAINLESS-STEEL-CLAD COPPER FINS.
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INFORMATION SCIENCES, 1965.
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PATENT 3,228,410 13G U 41 10

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THE PREPARATION AND PROPERTIES OF SOME SALTS OF 2,2-DIPHENYLCYCLOPROPYL DIAZONIUM HYDROXIDE,
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THE MECHANISM OF THE LITHIUM ETHOXIDE INDUCED CONVERSION OF N-NITROSO-N=(2,2-DIPHENYL CYCLOPROPYL) UREA TO 2,2-DIPHENYLDIAZO CYCLOPROPANE,
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TIME MATCH OF PULSES AND TIME RESOLUTION OF A TIME-TO-AMPLITUDE CONVERTER,
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COMPARISON OF LACOSTE-ROMBERG AND ASKANIA-GRAF GRAVITY METERS IN GIMBAL AND STABILIZED MOUNTS.
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RADIO PATH LENGTH STABILITY OF GROUND-TO-GROUND MICROWAVE LINKS.
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PATENT 3,228,335 16D U 41 10

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EFFECTIVENESS OF GAS-TURBINE INSTALLATIONS WITH SEPARATE DELIVERY OF WORKING MEDIUM ABOARD SEA-GOING SHIPS,
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FRANCK-CONDON FACTORS FOR OBSERVED TRANSITIONS IN N2 ABOVE 6 EV,
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OXYGEN METASTABLE ATOM PRODUCTION THROUGH PHOTODETACHMENT,
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CORRELATION FUNCTIONS FOR COHERENT FIELDS,
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ESTIMATION OF THE SCALE PARAMETER OF THE GAMMA DISTRIBUTION BY USE OF L ORDER STATISTICS.
AD-630 810 12A T 66 10 HC$20.30 MF$ 1.25

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CHEMISTRY PROGRAM REVIEW. BENZYNE. FISCAL YEAR 1960.
AD-630 044 7A T 66 09 HC$ 7.60 MF$ 0.75

CHEMISTRY PROGRAM REVIEW.
AD-630 086 7B T 66 09 HC$15.80 MF$ 1.00

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AD-630 108 7B T 66 09 HC$ 3.60 MF$ 0.50

AD-630 109 7B T 66 09 HC$ 4.60 MF$ 0.50

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INFORMATION SCIENCES, 1965.
AD-630 521 5B T 66 10 HC$ 4.00 MF$ 0.75

AIR FORCE WEAPONS LAB., KIRKLAND AFB, N. MEX.
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DUPLEXER FOR SIDE-LOOKING RADAR.
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MACROSCOPIC EULERIAN DERIVATIVE OF A VOLUME INTEGRAL. ENTROPY OF A TURBULENT GAS. SOME SPECTRAL MEASUREMENTS OF SPACE -TIME CORRELATIONS.
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THE DEVELOPMENT OF A NEW METHOD FOR DETERMINING CERTAIN PHYSICAL PROPERTIES OF AGGREGATES WITHOUT USING THE SPECIFIC GRAVITY OF SOLIDS AS A FUNCTION. PHASE I.
PB-169 491 11D U 41 10 HC$ 4.00 MF$ 1.00

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AD-630 015 5A T 66 09 HC$ 1.00 MF$ 0.50

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COMMUNICATIONS OF THE LUNAR AND PLANETARY LABORATORY, VOLUME 3, NUMBER 50.
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AD-629 961 6O T 66 09

TPM-2: EFFECTS OF LASER IRRADIATION ON THE SKIN.
AD-629 962 6R T 66 09

A METHOD FOR THE COUNTING OF MITOCHONDRIA.
AD-630 382 6C T 66 09

BURULI ULCERATION, A CLINICOPATHOLOGIC STUDY OF 38 UGANDANS WITH MYCOBACTERIUM ULCERANS ULCERATION.
AD-630 385 6E T 66 09

A SIMPLE METHOD FOR THE DETERMINATION OF WATER CONTENT AND PROTEIN CONCENTRATION IN SUBCELLULAR ELEMENTS.
AD-630 957 6A T 66 10

POLYPS OF THE VAGINA: A BENIGN LESION RESEMBLING SARCOMA BOTRYOIDES.
AD-630 958 6E T 66 10

A CRITICAL CONSIDERATION OF ROENTGENOLOGY AND MICROSCOPY IN PALAEOPATHOLOGY.
AD-630 967 6E T 66 10

ARMED FORCES INST. OF PATHOLOGY, WASHINGTON, D. C. DEPT. OF OPHTHALMIC PATHOLOGY.
DIRECT RUPTURE OF THE CHOROID.
AD-630 383 6E T 66 09

ARMED FORCES RADIOBIOLOGY RESEARCH INST., BETHESDA, MD.
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ARMY ELECTRONICS RESEARCH AND DEVELOPMENT ACTIVITY, WHITE SANDS MISSILE RANGE, N. MEX.

METEOROLOGICAL DATA REPORT AEROBEE KP 3.4, 7 APRIL 1964,
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METEOROLOGICAL ROCKET NETWORK FIRINGS. VOLUME XXXIX. NOVEMBER 1964 FIRINGS.
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DESIGN AND EVALUATION STUDY OF DEPLOYABLE SOLAR ARRAY FOR SPINNING SATELLITES.
N66-13641 10A U 41 09 HC$ 3.00 MF$ 0.75

HUGHES AIRCRAFT CO., FULLERTON, CALIF.
RADIATION EFFECTS ON (MONOLITHIC) MICROELECTRONIC CIRCUITS.
AD-629 948 9A T 66 09 HC$ 2.00 MF$ 0.50

EFFECT OF TRANSISTOR DESIGN PARAMETERS ON RADIATION RESPONSE (POWER TRANSISTORS).
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AD-630 836 9A T 66 10 HC$ 3.60 MF$ 0.50

HUGHES RESEARCH LABS., MALIBU, CALIF.
THEORY AND PERFORMANCE OF AUXILIARY DISCHARGE THERMIONIC ENERGY CONVERTERS,
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HULL UNIV. (ENGLAND). DEPT. OF APPLIED PHYSICS.
SOLAR SYSTEM SPECTROPHOTOMETRY. DESIGN CONSIDERATIONS FOR A MULTIPLEX DISPERSIVE INFRARED SPECTROMETER.
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HUMAN ENGINEERING LABS., ABERDEEN PROVING GROUND, MD.
THE EFFECTS OF CONFINEMENT ON THE PERFORMANCE OF COMBAT RELEVANT SKILLS: SUMMARY REPORT,
AD-463 918 5E U 41 10 HC$ 2.00

HUMAN ENGINEERING EVALUATION OF TRUCK 1/4 TON, 4 X 4, UTILITY, M38A1,
PB-169 308 13F U 41 10 HC$ 1.00 MF$ 0.50

EFFECTIVENESS OF WARNING LIGHTS AS A FUNCTION OF FLASH RATE,
PB-169 309 5E U 41 10 HC$ 1.00 MF$ 0.50

AN EVALUATION OF THE HUMAN AND SPACE ENGINEERING STUDIES TANK, 90MM GUN, T42,
PB-169 310 19C U 41 10 HC$ 2.00 MF$ 0.50

SYSTEMS EVALUATION OF THE TANK 76MM GUN, M41A1,
PB-169 311 19C U 41 10 HC$ 4.00 MF$ 1.00

HUMAN RESOURCES RESEARCH OFFICE, GEORGE WASHINGTON UNIV., ALEXANDRIA, VA.
CHANGES IN FLIGHT TRAINEE PERFORMANCE FOLLOWING SYNTHETIC HELICOPTER FLIGHT TRAINING,
AD-630 484 5I T 66 09 HC$ 1.00 MF$ 0.50

THE DEVELOPMENT OF TRAINING PROGRAMS FOR FIRST ENLISTMENT PERSONNEL IN ELECTRONICS MAINTENANCE MOS'S. III. HOW TO DESIGN THE HANDBOOK MATERIALS.
AD-631 069 5I T 66 10 HC$ 4.60 MF$ 0.50

HUMAN SCIENCES RESEARCH, INC., MCLEAN, VA.
STUDY OF FUNCTIONAL REQUIREMENTS OF TRAINING EQUIPMENT FOR ARMY COMMAND TACTICAL DECISION MAKING.
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HANDBOOK OF CAVITATION DAMAGE.
AD-473 532 13J U 41 09 HC$ 6.00 MF$ 1.25

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AD-630 485 13J T 66 09 HC$ 2.00 MF$ 0.50

IBM FEDERAL SYSTEMS DIV., BETHESDA, MD.
DISCRIMINANT ANALYSIS FOR CONTENT CLASSIFICATION.
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IBM SPACE GUIDANCE CENTER, OWEGO, N. Y.
STUDY OF EFFECT OF HIGH-INTENSITY PULSED NUCLEAR RADIATION ON ELECTRONICS PARTS AND MATERIALS (SCORRE).
AD-461 486 9A U 41 09 HC$ 4.60

IDAHO UNIV., MOSCOW. DEPT. OF PHYSICAL SCIENCES.
TWO NOVEL TETRACYCLO-OCTANES,
AD-629 852 7C T 66 09

IDAHO UNIV., MOSCOW. ENGINEERING EXPERIMENT STATION.
A PILOT STUDY OF MAINTENANCE COSTS OF IDAHO HIGHWAYS,
PB-169 506 13B U 41 10 HC$ 4.00 MF$ 0.75

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EXPERIMENTAL FEASIBILITY STUDY OF REMOTE MICROWAVE MEASUREMENTS OF ATMOSPHERIC TEMPERATURE,
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INVESTIGATION OF CHARGE NEUTRALIZATION PHENOMENA BETWEEN POSITIVE AND NEGATIVE IONS.
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N66-13096 11D U 41 09 HC$ 1.00 MF$ 0.50

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ILIXON CORP., NATICK, MASS.
BASIC STUDIES ON DISPERSION HARDENING,
N66-14239 11F U 41 09 HC$ 3.00 MF$ 0.50

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AASHO ROAD TEST EQUATIONS APPLIED TO THE DESIGN OF PORTLAND CEMENT CONCRETE PAVEMENTS IN ILLINOIS.
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AASHO ROAD TEST EQUATIONS APPLIED TO THE DESIGN OF BITUMINOUS PAVEMENTS IN ILLINOIS.
PB-169 464 13B U 41 10 HC$ 5.60 MF$ 0.50

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(P,N) REACTION ON ZR91 FOLLOWED BY PROTON EMISSION,
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(HE3,T) INVESTIGATIONS OF IRON, NICKEL, AND ZIRCONIUM,
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K MINUS-P TOTAL AND ELASTIC CROSS SECTIONS AT 1.34 BEV/C,
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AN ALTERNATIE APPROACH TO THE SOLUTION OF A CLASS OF WIENER-HOPF AND RELATED PROBLEMS.
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A THEOREM ON THE MINIMUM DISTANCE OF BCH CODES OVER GF(Q),
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NORMAL COORDINATE ANALYSIS OF PF5, PF2C13, AND PC15,
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ILLINOIS UNIV., URBANA. DEPT. OF MICROBIOLOGY.
CHARACTERIZATION OF A THERMOPHILIC BACTERIO- PHAGE FOR BACILLUS STEAROTHERMOPHILUS,
AD-629 965 6M T 66 09

RIBONUCLEIC ACID AND RIBOSOMES OF BACILLUS STEAROTHERMOPHILUS,
AD-629 966 6M T 66 09

ILLINOIS UNIV., URBANA. DEPT. OF MINING, METALLURGICAL AND PETROLEUM ENGINEERING.
NUCLEAR MAGNETIC RESONANCE IN LIQUID COPPER AND ANTIMONY METALS.
AD-629 868 20H T 66 09

ILLINOIS UNIV., URBANA. ELECTRICAL ENGINEERING RESEARCH LAB.
RATIONAL APPROXIMATION OF ARBITRARY REAL FUNCTIONS WITH SPECIFIED WEIGHTS.
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ATOMIC DENSITY MEASUREMENTS IN NITROGEN, OXYGEN, AND HYDROGEN AFTERGLOW PLASMAS,
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LINEARLY POLARIZED CHARACTERISTIC WAVES IN A MAGNETOPLASMA.
AD-630 778 20N T 66 10

ILLINOIS UNIV., URBANA. GROUP EFFECTIVENESS RESEARCH LAB.
RACE AND BELIEF AS DETERMINANTS OF BEHAVIORAL INTENTIONS,
AD-630 021 5J T 66 09

THE SIGNIFICANCE OF ROLE BEHAVIOR DIFFERENTIATION FOR CROSS-CULTURAL INTERACTION TRAINING.
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DEVELOPMENT OF COOLING DEVICE.
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TWO INEQUALITIES FOR CLASSICAL AND QUANTUM SYSTEMS OF PARTICLES WITH HARD CORES,
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IMPERIAL COLL. OF SCIENCE AND TECHNOLOGY, LONDON (ENGLAND). DEPT. OF PHYSICS.
VECTOR MESONS AND COMPLEX ANGULAR MOMENTUM - II,
AD-630 138 20H T 66 09

GENERALIZED GOLDSTONE THEOREM,
AD-630 140 20J T 66 09

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COURSE OF TRAINING IN DOCUMENTATION: PROSPECTUS AND SYLLABUS.
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THE MINIMAL COST FLOW PROBLEM WITH CONVEX COSTS,
AD-631 075 12B T 66 10

INDIANA UNIV., BLOOMINGTON.
INELASTIC ELECTRON SCATTERING FROM ATOMS AND MOLECULES AT MEDIUM ENERGIES.
AD-630 393 7D T 66 09 HC$ 1.60 MF$ 0.50

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SMALL-ANGLE SCATTERING FROM METHANE, AMMONIA AND WATER BY FAST ELECTRONS,
AD-629 849 7D T 66 09

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PROBLEMS OF SELECTION IN TRANSFORMATIONAL GRAMMAR,
PB-169 216 5G U 41 10 HC$ 1.00 MF$ 0.50

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EURAEC-1282 11F U 41 09 HC$ 1.00 MF$ 0.50

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STUDY OF JOINTS WELDED IN VERY THICK STEEL PLATES.
EURAEC-1280 13H U 41 09 HC$ 1.00 MF$ 0.50

INSTITUT DE SOUDURE, PARIS, (FRANCE).
STUDY OF ELEMENTARY CRACKING PRELIMINARY STUDY OF WELDING PROCEDURE PROTOTYPE TESTS.
EURAEC-1221 13H U 41 09 HC$ 1.00 MF$ 0.50

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PROGRESS REPORT ON MECHANISM OF LETHAL AND MUTAGENIC ACTION OF IONIZING RADIATION IN E. COLI AND YEAST.
TID-21591 6R U 41 09 HC$ 1.00 MF$ 0.50

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POLES IN THE VERTEX FUNCTION, ZEROS OF THE PROPAGATOR, AND BOUNDS ON COUPLING CONSTANTS,
AD-630 361 20H T 66 09

INSTITUTE FOR ADVANCED STUDY, PRINCETON, N. J.
SOME SIMPLE CONSEQUENCES OF SU(4) SYMMETRY.
AD-630 362 20H T 66 09

PHYSICAL PROPERTIES OF QUARKS,
AD-630 363 20J T 66 09

PHASE REPRESENTATION AND HIGH-ENERGY BEHAVIOR OF THE FORWARD SCATTERING AMPLITUDE,
AD-630 365 20H T 66 09

SHELL MODEL OF BARYONS,
AD-630 367 20J T 66 09

QUANTUM EFFECTS ON THE ACCURACY OF MOMENTUM MEASUREMENTS,
AD-630 369 20H T 66 09

TEST FOR THE BORN-APPROXIMATION MODEL OF THE PEIERLS MECHANISM,
AD-630 371 20H T 66 09

REMARKS ON THE POLYNOMIAL BOUNDEDNESS IN THE MANDELSTAM REPRESENTATION,
AD-630 447 20H T 66 09

EXPERIMENTAL IMPLICATIONS OF THE PRODUCT OF U(6) AND U(6)-INVARIANCE FOR BARYONS,
AD-630 507 20J T 66 09

INTRINSICALLY BROKEN (THE PRODUCT OF) U(6) (AND) U(6) SYMMETRY FOR STRONG INTERACTIONS. II,
AD-630 508 20J T 66 09

INTRINSICALLY BROKEN (THE PRODUCT OF) U(6) (AND) U(6) SYMMETRY FOR STRONG INTERACTIONS,
AD-630 509 20J T 66 09

MESON-BARYON SCATTERING IN THE INTRINSICALLY BROKEN M(12) SYMMETRY SCHEME,
AD-630 510 20J T 66 09

MESON COUPLINGS IN THE INTRINSICALLY BROKEN U(6) SYMMETRY SCHEME,
AD-630 511 20J T 66 09

REGGE-KHURI REPRESENTATION FOR PHOTOPRODUCTION,
AD-630 586 20J T 66 10

ANALYTICITY IN POTENTIAL SCATTERING,
AD-631 161 20J T 66 10

INSTITUTE FOR DEFENSE ANALYSES, ARLINGTON, VA. ECONOMIC AND POLITICAL STUDIES DIV.
NUCLEAR BLAST EFFECTS ON A METROPOLITAN ECONOMY,
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FRANCK-CONDON FACTORS FOR OBSERVED TRANSITIONS IN N2 ABOVE 6 EV,
AD-630 717 7D T 66 10

INSTITUTE OF MODERN LANGUAGES, INC., WASHINGTON, D. C.
THE LEAST SQUARES METHOD BASED ON THE FUNDAMENTAL PRINCIPLES OF THE THEORY OF PROBABILITY,
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COUPLING CONSTANTS IN MUON CAPTURE,
AD-630 087 20H T 66 09

MODEL OF C VIOLATION IN SEMISTRONG INTERACTIONS,
AD-630 088 20H T 66 09

ON THE ELECTROMAGNETIC STRUCTURE OF THE YUKAWA MESON,
AD-630 398 20H T 66 09

SPONTANEOUS SYMMETRY BREAKDOWN IN A NONLINEAR BOSON FIELD: A MODEL FOR C VIOLATION,
AD-630 399 20J T 66 09

INSTITUTT FOR ATOMENERGI, LILLESTROM (NORWAY) HALDEN REAKTOR PROSJEKT.
SEVEN-ROD BUNDLE NATURAL CIRCULATION STABILITY AND BURN-OUT TESTS WITH WATER AT UP TO 30 ATMOSPHERES PRESSURE.
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RESEARCH ON TERRAIN EFFECTS ON OPTICAL TURBULENCE GENERATION.
AD-460 727 4A U 41 09 HC$ 6.60

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THE COMPUTATION PROBLEM WITH SEQUENTIAL CODING.
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INTERNATIONAL CENTRE FOR THEORETICAL PHYSICS, TRIESTE (ITALY).
PRODUCTION AMPLITUDES. II. PARTIAL-WAVE DECOMPOSITION AND ANALYTIC CONTINUATION IN TOTAL ANGULAR MOMENTUM,
AD-630 446 20H T 66 09

INTERNATIONAL CUSTOMS TARIFFS BUREAU, BRUSSELS (BELGIUM). HUNGARIAN REPUBLIC.
PB-169 566 5C U 41 10 HC$ 3.00 MF$ 0.75

FEDERAL REPUBLIC OF NIGERIA.
PB-169 567 5C U 41 10 HC$ 4.00 MF$ 0.75

INTERNATIONAL RESISTANCE CO., PHILADELPHIA, PA. RELIABLE, LOW COST, STABLE RESISTORS GENERAL PURPOSE.
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INTERNATIONAL RESISTANCE CO., PHILADELPHIA, PA. DOCUMENTED RELIABILITY DIV. PRODUCTION ENGINEERING MEASURES FOR HIGH RELIABILITY, FIXED, FILM, PRECISION RESISTORS. QUALITY CONTROL MANUAL.
AD-630 935 9A T 66 10 HC$ 7.00 MF$ 1.50

INTER-RANGE INSTRUMENTATION GROUP, WHITE SNADS MISSILE RANGE, N. MEX. METEOROLOGICAL ROCKET NETWORK FIRINGS. VOLUME XXI. MAY 1963 FIRINGS.
AD-467 545 4B U 41 10 HC$18.40 MF$ 1.00

IOWA STATE UNIV. OF SCIENCE AND TECHNOLOGY, AMES. A HYPERGEOMETRIC MEAN VALUE,
N66-13480 12A U 41 10 HC$ 1.00 MF$ 0.50

THROUGH-FLOW SOLUTION FOR AXIAL-FLOW TURBOMACHINE BLADE ROWS,
N66-14385 20D U 41 09 HC$ 3.00 MF$ 0.75

IOWA STATE UNIV., IOWA CITY. AURORAL ZONE ELECTRON FLUX AND ITS RELATION TO BROADBEAM RADIOWAVE ABSORPTION,
AD-631 011 4A T 66 10

IOWA STATE UNIV., IOWA CITY. DEPT. OF PHYSICS AND ASTRONOMY. LIGHT DENSITY AND COLOR DISTRIBUTION IN THE EARTH'S SHADOW,
N66-12997 3A U 41 09 HC$ 2.00 MF$ 0.50

IOWA UNIV., IOWA CITY. DEPT. OF PHYSICS AND ASTRONOMY. THE PASSIVE MAGNETIC ORIENTATION OF SATELLITE INJUN 3.
AD-466 637 22C U 41 10 HC$ 4.60 MF$ 0.50

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AD-466 638 4A U 41 10 HC$ 3.60 MF$ 0.50

FRACTIONAL CONCENTRATION OF HYDROGEN IONS IN THE IONOSPHERE FROM VLF PROTON WHISTLER MEASUREMENT,
AD-630 020 4A T 66 09

IOWA UNIV., IOWA CITY. INST. OF HYDRAULIC RESEARCH. CAVITATION AND ENERGY DISSIPATION IN CONDUIT EXPANSIONS,
AD-629 885 20D T 66 09 HC$ 1.00 MF$ 0.50

THE BERNOULLI THEOREM,
AD-630 018 20D T 66 09

THE EFFECT OF THE FREE SURFACE ON THE DRAG OF SUPERCAVITATING AXISYMMETRIC BODIES.
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AD-630 475 5J T 66 09 HC$ 4.00 MF$ 0.75

ITT FEDERAL ELECTRIC CORP., PARAMUS, N. J. RESEARCH IN INFORMATION RETRIEVAL. AN INVESTIGATION OF THE TECHNIQUES AND CONCEPTS OF INFORMATION RETRIEVAL.
AD-401 914 5B U 41 10 HC$ 7.60

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AD-630 623 17B T 66 10 HC$ 7.00 MF$ 1.50

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UNIQUE SCAN CLOSED-LOOP TELEVISION SYSTEM.
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J G ENGINEERING RESEARCH ASSOCIATES, BALTIMORE, MD. COLLAPSE, BUCKLING AND POST FAILURE BEHAVIOR OF CYLINDRICAL SHELLS UNDER ELEVATED TEMPERATURE AND DYNAMIC LOADS.
AD-630 269 20K T 66 09 HC$ 2.00 MF$ 0.50

JAPANESE NATIONAL RAILWAYS, TOKYO (JAPAN). RAILWAY TECHNICAL RESEARCH INST. RAILWAY ENGINEERING ABSTRACTS 1965. VOLUME 4, NO. 4.
PB-169 560 13F U 41 10 HC$ 1.00

JAPANESE NATIONAL RAILWAYS, TOKYO (JAPAN). RAILWAY TECHNICAL RESEARCH INST. QUARTERLY REPORT OF THE RAILWAY TECHNICAL RESEARCH INSTITUTE 1965. VOLUME 6, NO. 4.
PB-169 561 13F U 41 10 HC$ 3.00

JASON DIV., INST. FOR DEFENSE ANALYSES, ARLINGTON, VA. LONG-RANGE ACOUSTIC PROPAGATION IN THE ATMOSPHERE.
AD-467 017 20A U 41 10 HC$ 4.60 MF$ 0.50

JET PROPULSION LAB., CALIFORNIA INST. OF TECH., PASADENA. REACTION KINETICS OF ROCKET PROPELLANT GASES: I. RATE OF DECOMPOSITION OF NITRIC OXIDE AT ELEVATED TEMPERATURES.
PB-169 143 21I U 41 09 HC$ 1.00 MF$ 0.50

JET PROPULSION LAB., CALIF. INST. OF TECH., PASADENA. AEROTHERMOCHEMICAL ANALYSIS OF NONOSCILLATORY AND OSCILLATORY CHARACTERISTICS OF LIQUID BIPROPELLANT ROCKET MOTORS - WAVE MODEL, DROPLET HEATING, AND EVAPORATION PROGRAM COMPUTATION.
N66-13083 21I U 41 09 HC$ 1.00 MF$ 0.50

JET PROPULSION LAB., CALIF. INST. OF TECH., PASADENA. RANGER VII PHOTOGRAPHS OF THE MOON, PART III. CAMERA 'P' SERIES,
N65-33848 3A U 41 09 HC$ 6.50 MF$ 1.25

AN EVALUATION OF THE EFFECT OF FINITE SHEAR STRAIN IN A SHALLOW, SPHERICAL SHELL,
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N66-13555 1A U 41 09 HC$ 1.00 MF$ 0.50

SPACE PROGRAMS SUMMARY NO. 37-35, VOLUME IV FOR THE PERIOD AUGUST 1, 1965 TO SEPTEMBER 30, 1965. SUPPORTING RESEARCH AND ADVANCED DEVELOPMENT.
N66-13556 22B U 41 09 HC$ 7.00 MF$ 2.00

MARINER IV SCIENCE PLATFORM STRUCTURE AND ACTUATOR DESIGN, DEVELOPMENT AND FLIGHT PERFORMANCE,
N66-13557 22B U 41 09 HC$ 1.00 MF$ 0.50

AEROTHERMOCHEMICAL ANALYSIS OF NON-OSCILLATORY AND OSCILLATORY CHARACTERISTICS OF LIQUID BIPROPELLANT ROCKET MOTORS DROPLET EVAPORATION, WAVE EQUATIONS, MOTOR INSTRUMENTATION, NON-OSCILLATORY PROGRAM COMPUTATION,
N66-13634 21I U 41 09 HC$ 3.00 MF$ 0.50

SYSTEMS ENGINEERING IN SPACE EXPLORATION.
N66-13842 22A U 41 09 HC$ 3.00 MF$ 0.50

MARINER-VENUS 1962.
N66-14702 22B U 41 09 MF$ 2.00

SPACE PROGRAMS SUMMARY NO. 37-36. VOLUME III. FOR THE PERIOD SEPTEMBER 1, 1965 TO OCTOBER 31, 1965. THE DEEP SPACE NETWORK.
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AD-631 124 12A T 66 10

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N66-12993 4A U 41 09 HC$ 1.00 MF$ 0.75

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HIGH TEMPERATURE POLYMERS FROM 1,3DIPOLAR ADDITION REACTIONS.
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ON THE USE OF ELECTRICAL ION SOURCES FOR ION TRACER EXPERIMENTS IN THE MAGNETOSPHERE,
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LOW-ENERGY PROTON AND ELECTRON EXPERIMENT FOR THE ORBITING GEOPHYSICAL OBSERVATORIES B AND E.
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STEVENS INST. OF TECH., HOBOKEN, N. J.
MEASUREMENTS ON PLASMA VORTICES AND TURBULENCE,
AD-629 799 20I T 66 09

PLASMA VORTICES IN THE COAXIAL PLASMA ACCELERATOR,
AD-629 800 20I T 66 09

SYLVANIA ELECTRIC PRODUCTS, INC., WOBURN, MASS. SEMICONDUCTOR DIV.
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SYSTEM DEVELOPMENT CORP., FALLS CHURCH, VA.
SIMULATED DESIGN OF A HOSPITAL PATIENT DATA SYSTEM,
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1A U 41 09 HC$ 5.60 MF$ 0.75
20C U 41 09 HC$ 1.00 MF$ 0.50
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19A U 41 10 HC$ 6.60 MF$ 0.75
9E U 41 10 HC$ 4.60 MF$ 0.50
13H U 41 10 HC$12.60 MF$ 1.00
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5I U 41 09 HC$14.60 MF$ 1.00
19D U 41 09 HC$ 1.00 MF$ 0.50
5B U 41 10 HC$ 3.00 MF$ 0.75
11F U 41 10 HC$ 3.60 MF$ 0.50
20L U 41 10 HC$ 3.60 MF$ 0.50
16D U 41 10 HC$ 3.60 MF$ 0.50
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20E U 41 10 HC$ 5.00 MF$ 1.00
13J U 41 09 HC$ 6.00 MF$ 1.25
17B U 41 10 HC$ 3.00 MF$ 0.75
20K U 41 10 HC$10.60 MF$ 0.75
6E U 41 10 HC$ 1.00 MF$ 0.50
6S U 41 10 HC$ 1.00 MF$ 0.50
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11B T 66 09 HC$ 4.00 MF$ 0.75
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9C T 66 09 HC$ 3.00 MF$ 0.75
20D T 66 09 HC$ 9.60 MF$ 0.75
20D T 66 09 HC$ 8.60 MF$ 0.75
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5G T 66 09 HC$13.60 MF$ 1.00
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20C T 66 09
5J T 66 09 HC$ 1.60 MF$ 0.50
13J T 66 09 HC$ 1.60 MF$ 0.50
13H T 66 09 HC$ 1.00 MF$ 0.50
11C T 66 09 HC$ 1.00 MF$ 0.50
11C T 66 09
19D T 66 09 HC$ 1.00 MF$ 0.50
6R T 66 09 HC$ 1.00 MF$ 0.50
12A T 66 09
9B T 66 09 HC$ 7.60 MF$ 0.75
20H T 66 09
20C T 66 09 HC$ 4.00 MF$ 1.00
6E T 66 09 HC$ 1.00 MF$ 0.50
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13J T 66 09 HC$ 3.00 MF$ 0.75
12A T 66 09 HC$ 2.00 MF$ 0.50
1C T 66 09 HC$ 1.60 MF$ 0.50
8M T 66 09 HC$ 1.00 MF$ 0.50
13J T 66 09 HC$ 1.10 MF$ 0.50
9B T 66 09 HC$ 4.00 MF$ 0.75
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15G T 66 09 HC$ 3.60 MF$ 0.50
18J T 66 09 HC$ 1.00 MF$ 0.50
3A T 66 09 HC$ 3.00 MF$ 0.75
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6F T 66 09 HC$ 9.60 MF$ 0.75
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9A T 66 09 HC$ 2.00 MF$ 0.50
14I T 66 09 HC$ 2.60 MF$ 0.50
17I T 66 09 HC$ 2.60 MF$ 0.50
9A T 66 09 HC$ 4.00 MF$ 0.75
12B T 66 09 HC$ 2.00 MF$ 0.50
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20N T 66 09 HC$ 5.60 MF$ 0.50
20K T 66 09 HC$ 4.00 MF$ 0.75
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13J T 66 09 HC$ 3.00 MF$ 0.75
5B T 66 09 HC$ 1.00 MF$ 0.50
6E T 66 09 HC$ 4.00 MF$ 1.00
11K T 66 09 HC$ 2.00 MF$ 0.50

AD-629 913	9A	T	66	09	HC$ 1.00	MF$ 0.50	AD-630 024	5J	T	66	09								
AD-629 914	5A	T	66	09	HC$ 8.60	MF$ 0.75	AD-630 025	6P	T	66	09	HC$ 7.60	MF$ 0.75						
AD-629 915	5A	T	66	09	HC$ 1.10	MF$ 0.50	AD-630 026	19A	T	66	09	HC$ 1.00	MF$ 0.50						
AD-629 916	20N	T	66	09	HC$ 1.60	MF$ 0.50	AD-630 027	8F	T	66	09								
AD-629 917	14B	T	66	09	HC$ 3.00	MF$ 0.50	AD-630 028	8F	T	66	09								
AD-629 918	11H	T	66	09	HC$ 1.00	MF$ 0.50	AD-630 029	9D	T	66	09	HC$ 2.60	MF$ 0.50						
AD-629 919	20C	T	66	09	HC$ 2.60	MF$ 0.50	AD-630 030	9B	T	66	09	HC$ 2.60	MF$ 0.50						
AD-629 920	12B	T	66	09	HC$ 3.60	MF$ 0.50	AD-630 031	8H	T	66	09								
AD-629 921	20K	T	66	09	HC$ 3.00	MF$ 0.75	AD-630 032	20H	T	66	09	HC$ 1.60	MF$ 0.50						
AD-629 922	4A	T	66	09	HC$ 2.60	MF$ 0.50	AD-630 033	20A	T	66	09	HC$ 2.60	MF$ 0.50						
AD-629 923	17I	T	66	09	HC$ 4.00	MF$ 0.75	AD-630 034	22C	T	66	09	HC$ 1.60	MF$ 0.50						
AD-629 924	20I	T	66	09	HC$ 3.00	MF$ 0.75	AD-630 035	20J	T	66	09	HC$ 1.10	MF$ 0.50						
AD-629 925	20E	T	66	09	HC$ 5.00	MF$ 1.00	AD-630 036	22B	T	66	09	HC$ 2.60	MF$ 0.50						
AD-629 926	5A	T	66	09	HC$ 2.00	MF$ 0.50	AD-630 037	20J	T	66	09	HC$ 1.60	MF$ 0.50						
AD-629 927	5A	T	66	09	HC$ 1.00	MF$ 0.50	AD-630 038	9E	T	66	09	HC$ 2.00	MF$ 0.50						
AD-629 928	13M	T	66	09	HC$ 1.10	MF$ 0.50	AD-630 039	12A	T	66	09	HC$ 2.60	MF$ 0.50						
AD-629 929	20F	T	66	09			AD-630 040	20I	T	66	09	HC$ 1.00	MF$ 0.50						
AD-629 930	9A	T	66	09	HC$ 2.00	MF$ 0.50	AD-630 041	10B	T	66	09	HC$ 1.10	MF$ 0.50						
AD-629 931	1B	T	66	09	HC$ 6.60	MF$ 0.75	AD-630 042	20H	T	66	09	HC$ 1.00	MF$ 0.50						
AD-629 932	20A	T	66	09	HC$ 1.00	MF$ 0.50	AD-630 043	19A	T	66	09								
AD-629 933	4B	T	66	09	HC$20.20	MF$ 1.25	AD-630 044	7A	T	66	09	HC$ 7.60	MF$ 0.75						
AD-629 934	9D	T	66	09	HC$ 3.60	MF$ 0.50	AD-630 045	22C	T	66	09	HC$ 1.60	MF$ 0.50						
AD-629 935	5A	T	66	09	HC$ 2.00	MF$ 0.50	AD-630 046	12A	T	66	09	HC$ 2.60	MF$ 0.50						
AD-629 936	17I	T	66	09	HC$14.60	MF$ 1.00	AD-630 047	12B	T	66	09	HC$ 1.60	MF$ 0.50						
AD-629 937	7D	T	66	09	HC$ 6.60	MF$ 0.75	AD-630 048	20H	T	66	09	HC$ 1.60	MF$ 0.50						
AD-629 938	11H	T	66	09	HC$ 2.60	MF$ 0.50	AD-630 049	9E	T	66	09	HC$ 2.00	MF$ 0.50						
AD-629 939	5A	T	66	09	HC$ 6.00	MF$ 1.50	AD-630 050	20F	T	66	09	HC$ 2.60	MF$ 0.50						
AD-629 940	5A	T	66	09	HC$ 5.00	MF$ 1.00	AD-630 051	6P	T	66	09	HC$ 5.60	MF$ 0.75						
AD-629 941	5A	T	66	09	HC$ 6.00	MF$ 1.25	AD-630 052	5A	T	66	09	HC$ 1.00	MF$ 0.50						
AD-629 942	11B	T	66	09	HC$ 3.00	MF$ 0.75	AD-630 053	6P	T	66	09								
AD-629 943	20L	T	66	09			AD-630 054	7C	T	66	09								
AD-629 944	20L	T	66	09			AD-630 055	7D	T	66	09								
AD-629 945	5A	T	66	09			AD-630 056	6C	T	66	09								
AD-629 946	13H	T	66	09	HC$ 1.60	MF$ 0.50	AD-630 057	7C	T	66	09								
AD-629 947	6C	T	66	09			AD-630 058	14B	T	66	09								
AD-629 948	9A	T	66	09	HC$ 2.00	MF$ 0.50	AD-630 059	7D	T	66	09								
AD-629 949	5J	T	66	09			AD-630 060	11F	T	66	09								
AD-629 950	9E	T	66	09			AD-630 061	5K	T	66	09								
AD-629 951	21E	T	66	09	HC$ 6.60	MF$ 0.75	AD-630 062	7D	T	66	09								
AD-629 952	4B	T	66	09	HC$ 4.60	MF$ 0.50	AD-630 063	9A	T	66	09	HC$ 2.60	MF$ 0.50						
AD-629 953	12A	T	66	09	HC$ 3.60	MF$ 0.50	AD-630 064	9A	T	66	09	HC$ 2.60	MF$ 0.50						
AD-629 954	9A	T	66	09			AD-630 065	14B	T	66	09	HC$ 4.60	MF$ 0.50						
AD-629 955	20D	T	66	09	HC$ 6.60	MF$ 0.75	AD-630 066	13C	T	66	09	HC$ 1.00	MF$ 0.50						
AD-629 956	3B	T	66	09	HC$ 4.00	MF$ 0.75	AD-630 067	14B	T	66	09								
AD-629 957	3C	T	66	09		MF$ 0.50	AD-630 068	13J	T	66	09	HC$ 4.00	MF$ 1.00						
AD-629 958	14B	T	66	09	HC$ 1.10	MF$ 0.50	AD-630 069	12A	T	66	09	HC$ 2.60	MF$ 0.50						
AD-629 959	2E	T	66	09			AD-630 070	11F	T	66	09	HC$ 9.60	MF$ 0.75						
AD-629 960	11G	T	66	09	HC$ 2.00	MF$ 0.50	AD-630 071	11F	T	66	09								
AD-629 961	6Q	T	66	09			AD-630 072	7E	T	66	09								
AD-629 962	6R	T	66	09			AD-630 073	4B	T	66	09								
AD-629 963	6C	T	66	09			AD-630 074	20I	T	66	09	HC$ 4.00	MF$ 0.75						
AD-629 964	12A	T	66	09			AD-630 075	7B	T	66	09								
AD-629 965	6M	T	66	09			AD-630 076	3B	T	66	09								
AD-629 966	6M	T	66	09			AD-630 077	7D	T	66	09	HC$ 3.60	MF$ 0.50						
AD-629 967	6E	T	66	09			AD-630 078	7D	T	66	09	HC$ 1.60	MF$ 0.50						
AD-629 968	12A	T	66	09	HC$ 1.60	MF$ 0.50	AD-630 079	20C	T	66	09								
AD-629 969	6L	T	66	09	HC$ 1.00	MF$ 0.50	AD-630 080	20H	T	66	09								
AD-629 970	6E	T	66	09	HC$ 1.60	MF$ 0.50	AD-630 081	20J	T	66	09								
AD-629 971	8K	T	66	09			AD-630 082	8J	T	66	09								
AD-629 972	11J	T	66	09	HC$ 1.00	MF$ 0.50	AD-630 083	20L	T	66	09								
AD-629 973	13H	T	66	09	HC$ 1.00	MF$ 0.50	AD-630 084	20H	T	66	09								
AD-629 974	8K	T	66	09			AD-630 085	20K	T	66	09	HC$ 3.00	MF$ 0.50						
AD-629 975	20H	T	66	09			AD-630 086	7B	T	66	09	HC$15.80	MF$ 1.00						
AD-629 976	12A	T	66	09	HC$ 4.60	MF$ 0.50	AD-630 087	20H	T	66	09								
AD-629 977	8L	T	66	09	HC$ 4.60	MF$ 0.50	AD-630 088	20H	T	66	09								
AD-629 978	8J	T	66	09	HC$ 2.00	MF$ 0.50	AD-630 089	5B	T	66	09	HC$ 6.00	MF$ 1.50						
AD-629 979	5A	T	66	09			AD-630 090	12A	T	66	09	HC$ 4.60	MF$ 0.75						
AD-629 980	20M	T	66	09	HC$ 3.75	MF$ 2.75	AD-630 091	9E	T	66	09	HC$ 7.60	MF$ 0.75						
AD-629 981	6E	T	66	09			AD-630 092	9A	T	66	09	HC$ 2.60	MF$ 0.50						
AD-629 982	8E	T	66	09			AD-630 093	9E	T	66	09	HC$ 3.00	MF$ 0.50						
AD-629 983	3A	T	66	09			AD-630 094	4A	T	66	09	HC$ 5.60	MF$ 0.50						
AD-629 984	20F	T	66	09			AD-630 095	7D	T	66	09								
AD-629 985	8N	T	66	09			AD-630 096	12A	T	66	09								
AD-629 986	4A	T	66	09			AD-630 097	5A	T	66	09								
AD-629 987	7D	T	66	09			AD-630 098	3B	T	66	09								
AD-629 988	4B	T	66	09			AD-630 099	7D	T	66	09								
AD-629 989	4A	T	66	09	HC$ 2.00	MF$ 0.50	AD-630 100	12A	T	66	09								
AD-629 990	13A	T	66	09	HC$ 4.60	MF$ 0.50	AD-630 101	8K	T	66	09								
AD-629 991	20I	T	66	09			AD-630 102	7C	T	66	09								
AD-629 992	5I	T	66	09	HC$ 3.00	MF$ 0.50	AD-630 103	6R	T	66	09	HC$ 2.60	MF$ 0.50						
AD-629 993	20N	T	66	09			AD-630 104	3B	T	66	09								
AD-629 994	20N	T	66	09	HC$ 5.60	MF$ 0.50	AD-630 105	7B	T	66	09	HC$ 6.80	MF$ 0.75						
AD-629 995	6P	T	66	09			AD-630 106	7B	T	66	09	HC$ 5.60	MF$ 0.50						
AD-629 996	4A	T	66	09	HC$16.10	MF$ 1.00	AD-630 107	7B	T	66	09	HC$ 4.60	MF$ 0.50						
AD-629 997	8J	T	66	09			AD-630 108	7B	T	66	09	HC$ 3.60	MF$ 0.50						
AD-629 998	M	T	66	09			AD-630 109	7B	T	66	09	HC$ 4.60	MF$ 0.50						
AD-629 999	14B	T	66	09	HC$29.30	MF$ 1.50	AD-630 110	4B	T	66	09	HC$ 1.60	MF$ 0.50						
AD-630 000	7D	T	66	09			AD-630 111	8G	T	66	09	HC$ 4.00	MF$ 1.00						
AD-630 001	13H	T	66	09	HC$ 2.00	MF$ 0.50	AD-630 112	3B	T	66	09	HC$ 6.60	MF$ 0.75						
AD-630 002	7D	T	66	09			AD-630 113	11F	T	66	09	HC$ 5.60	MF$ 0.50						
AD-630 003	20N	T	66	09	HC$ 3.60	MF$ 0.50	AD-630 114	6S	T	66	09	HC$ 1.00	MF$ 0.50						
AD-630 004	7C	T	66	09			AD-630 115	14B	T	66	09	HC$ 1.00	MF$ 0.50						
AD-630 005	13J	T	66	09	HC$ 4.00	MF$ 1.00	AD-630 116	8L	T	66	09	HC$ 2.60	MF$ 0.50						
AD-630 006	7B	T	66	09			AD-630 117	4A	T	66	09	HC$ 2.00	MF$ 0.50						
AD-630 007	7C	T	66	09			AD-630 118	15E	T	66	09	HC$ 2.00	MF$ 0.50						
AD-630 008	7C	T	66	09			AD-630 119	12B	T	66	09	HC$ 2.60	MF$ 0.50						
AD-630 009	7C	T	66	09			AD-630 120	12B	T	66	09	HC$ 1.00	MF$ 0.50						
AD-630 010	7D	T	66	09			AD-630 121	12A	T	66	09	HC$ 1.00	MF$ 0.50						
AD-630 011	20C	T	66	09	HC$ 3.60	MF$ 0.50	AD-630 122	8L	T	66	09	HC$ 4.60	MF$ 0.50						
AD-630 012	6S	T	66	09	HC$ 4.60	MF$ 0.50	AD-630 123	20C	T	66	09	HC$ 1.10	MF$ 0.50						
AD-630 013	20L	T	66	09	HC$ 1.00	MF$ 0.50	AD-630 124	20N	T	66	09	HC$ 5.00	MF$ 1.00						
AD-630 014	9B	T	66	09			AD-630 125	9B	T	66	09	HC$ 6.60	MF$ 0.75						
AD-630 015	5A	T	66	09	HC$ 1.00	MF$ 0.50	AD-630 126	4A	T	66	09	HC$13.60	MF$ 1.00						
AD-630 016	5A	T	66	09	HC$ 1.00	MF$ 0.50	AD-630 127	5B	T	66	09	HC$ 6.00	MF$ 1.00						
AD-630 017	7D	T	66	09	HC$ 2.00	MF$ 0.50	AD-630 128	20N	T	66	09	HC$12.60	MF$ 1.00						
AD-630 018	20D	T	66	09			AD-630 129	11F	T	66	09	HC$20.10	MF$ 1.25						
AD-630 019	11I	T	66	09	HC$ 2.00	MF$ 0.50	AD-630 130	1B	T	66	09	HC$ 1.10	MF$ 0.50						
AD-630 020	4A	T	66	09			AD-630 131	13H	T	66	09	HC$ 6.00	MF$ 1.50						
AD-630 021	5J	T	66	09			AD-630 132	15E	T	66	09	HC$ 2.00	MF$ 0.50						
AD-630 022	9B	T	66	09	HC$ 2.00	MF$ 0.50	AD-630 133	6C	T	66	09	HC$ 1.10	MF$ 0.50						
AD-630 023	8G	T	66	09			AD-630 134	6T	T	66	09	HC$ 1.00	MF$ 0.50						

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11B T 66 09 HC$ 1.00 MF$ 0.50
9E T 66 09 HC$ 2.60 MF$ 0.50
7D T 66 09 HC$ 6.60 MF$ 0.75
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4A T 66 09 HC$ 1.00 MF$ 0.50
20I T 66 09 HC$ 2.00 MF$ 0.50
20N T 66 09 HC$ 6.60 MF$ 0.75
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13B T 66 09 HC$ 1.60 MF$ 0.50
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12B T 66 09 HC$ 1.00 MF$ 0.50
12B T 66 09 HC$ 1.00 MF$ 0.50
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6L T 66 09 HC$ 2.00 MF$ 0.50
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4A T 66 09 HC$ 1.00 MF$ 0.50
4A T 66 09 HC$ 1.00 MF$ 0.50
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6A T 66 09 HC$ 1.10 MF$ 0.50
6G T 66 09 HC$ 2.60 MF$ 0.50
5A T 66 09 HC$ 3.00 MF$ 0.75
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17I T 66 09 HC$18.50 MF$ 1.00
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9A T 66 09 HC$ 5.60 MF$ 0.75
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13H T 66 09 HC$ 7.60 MF$ 0.75
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13H T 66 09 HC$ 3.00 MF$ 0.75
14B T 66 09 HC$15.50 MF$ 1.00
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19B T 66 09 HC$ 3.60 MF$ 0.50
17B T 66 09 HC$ 3.00 MF$ 0.75
20D T 66 09 HC$ 4.60 MF$ 0.50
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5I T 66 09 HC$ 8.60 MF$ 0.75
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5I T 66 09 HC$ 3.00 MF$ 0.75
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19A T 66 09 HC$ 3.60 MF$ 0.50
19A T 66 09 HC$ 1.60 MF$ 0.50
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18I T 66 09 HC$ 2.00 MF$ 0.50
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6R T 66 09 HC$ 2.60 MF$ 0.50
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13H T 66 09 HC$ 6.00 MF$ 1.25
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20J T 66 09 HC$15.40 MF$ 1.00
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7D T 66 09 HC$ 1.00 MF$ 0.50
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12A T 66 10 HC$ 1.00 MF$ 0.50
12A T 66 10 HC$ 3.00 MF$ 0.75
12A T 66 10 HC$ 1.00 MF$ 0.50
12A T 66 10 HC$ 2.00 MF$ 0.50
20D T 66 10 HC$ 2.00 MF$ 0.50
20D T 66 10 HC$ 3.00 MF$ 0.50
12A T 66 10 HC$ 2.00 MF$ 0.50
20C T 66 10 HC$ 2.00 MF$ 0.50
12A T 66 10 HC$ 2.00 MF$ 0.50
20D T 66 10 HC$ 2.00 MF$ 0.50
12A T 66 10 HC$ 1.00 MF$ 0.50
12A T 66 10 HC$ 2.00 MF$ 0.50
12A T 66 10 HC$ 2.00 MF$ 0.50
12A T 66 10 HC$ 2.00 MF$ 0.50
20C T 66 10 HC$ 3.00 MF$ 0.75
20J T 66 10 HC$ 2.00 MF$ 0.50
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20D T 66 10 HC$ 2.00 MF$ 0.50
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12A T 66 10 HC$ 3.00 MF$ 0.50
12A T 66 10 HC$ 1.00 MF$ 0.50
12A T 66 10 HC$ 2.00 MF$ 0.50
7B T 66 10 HC$ 2.00 MF$ 0.50
20M T 66 10 HC$ 5.60 MF$ 0.50
20A T 66 10 HC$ 1.00 MF$ 0.50
4B T 66 10 HC$ 1.00 MF$ 0.50
4B T 66 10 HC$ 1.00 MF$ 0.50
4B T 66 10 HC$ 1.00 MF$ 0.50
4B T 66 10 HC$ 2.00 MF$ 0.50
17I T 66 10 HC$ 1.00 MF$ 0.50
20D T 66 10 HC$ 1.60 MF$ 0.50
3B T 66 10 HC$ 1.00 MF$ 0.50
17J T 66 10 HC$ 3.00 MF$ 0.75
9D T 66 10 HC$ 2.00 MF$ 0.50
1E T 66 10 MF$ 0.50
17B T 66 10 HC$11.60 MF$ 0.75
11F T 66 10 HC$ 2.60 MF$ 0.50
5D T 66 10 HC$ 4.00 MF$ 1.00
9A T 66 10 HC$ 1.00 MF$ 0.50
11I T 66 10 HC$ 1.60 MF$ 0.50
17B T 66 10 HC$ 1.00 MF$ 0.50
12B T 66 10 HC$10.60 MF$ 0.75
60 T 66 10
60 T 66 10
18B T 66 10
11F T 66 10
20B T 66 10
17B T 66 10
5G T 66 10
17B T 66 10

AD-630 577 6L T 66 10
AD-630 578 6S T 66 10
AD-630 579 6S T 66 10
AD-630 580 20H T 66 10
AD-630 581 6M T 66 10
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AD-630 792 8M T 66 10 HC$ 6.00 MF$ 1.25
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AD-630 885 12B T 66 10 HC$ 1.60 MF$ 0.50
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AD-630 892 6E T 66 10
AD-630 893 8G T 66 10 HC$ 5.60 MF$ 0.75
AD-630 894 9E T 66 10 HC$ 5.00 MF$ 1.00
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AD-630 942 12B T 66 10 HC$ 1.60 MF$ 0.50
AD-630 943 12B T 66 10 HC$ 2.60 MF$ 0.50
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AD-630 945 7C T 66 10 HC$ 8.60 MF$ 0.75
AD-630 946 6S T 66 10 HC$ 3.00 MF$ 0.75
AD-630 947 6S T 66 10 HC$ 1.00 MF$ 0.50
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AD-630 953 20E T 66 10
AD-630 954 6P T 66 10
AD-630 955 8G T 66 10
AD-630 956 8L T 66 10
AD-630 957 6A T 66 10
AD-630 958 6E T 66 10
AD-630 959 11F T 66 10
AD-630 960 20D T 66 10
AD-630 961 20D T 66 10
AD-630 962 20D T 66 10
AD-630 963 6L T 66 10
AD-630 964 3B T 66 10
AD-630 965 5J T 66 10
AD-630 966 17I T 66 10
AD-630 967 6E T 66 10
AD-630 968 20E T 66 10
AD-630 969 20D T 66 10 HC$ 2.60 MF$ 0.50
AD-630 970 7D T 66 10 HC$ 1.60 MF$ 0.50
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AD-630 973 6A T 66 10 HC$ 7.30 MF$ 2.00
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AD-630 983 8F T 66 10 HC$ 3.00 MF$ 0.75
AD-630 984 11F T 66 10
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AD-630 991 6S T 66 10 HC$ 1.60 MF$ 0.50
AD-630 992 11F T 66 10 HC$ 1.10 MF$ 0.50
AD-630 993 6P T 66 10 HC$ 1.10 MF$ 0.50
AD-630 994 6L T 66 10 HC$ 1.10 MF$ 0.50
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AD-631 018 6C T 66 10
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AD-631 020 5K T 66 10 HC$ 2.00 MF$ 0.50
AD-631 022 6C T 66 10
AD-631 023 5E T 66 10 HC$ 4.00 MF$ 0.75

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17G T 66 10 HC$ 3.00 MF$ 0.75
4A T 66 10 HC$ 1.60 MF$ 0.50
15C T 66 10 HC$11.60 MF$ 0.75
9A T 66 10 HC$ 2.00 MF$ 0.50
18C T 66 10 HC$14.60 MF$ 1.00
8M T 66 10 MF$ 0.75
4B T 66 10 HC$ 1.10 MF$ 0.50
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20F T 66 10 HC$ 1.00 MF$ 0.50
9A T 66 10 HC$ 2.00 MF$ 0.50
9E T 66 10 HC$15.40 MF$ 1.00
6A T 66 10 HC$ 1.10 MF$ 0.50
10B T 66 10 HC$ 1.10 MF$ 0.50
10A T 66 10 HC$ 1.00 MF$ 0.50
20E T 66 10 HC$ 1.00 MF$ 0.50
9E T 66 10 HC$ 3.00 MF$ 0.75
20B T 66 10 HC$ 4.00 MF$ 0.75
17J T 66 10 HC$ 2.00 MF$ 0.50
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3A T 66 10 HC$ 4.60 MF$ 0.50
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20N T 66 10 HC$ 1.10 MF$ 0.50
4A T 66 10 HC$ 5.60 MF$ 0.50
5K T 66 10 HC$ 2.00 MF$ 0.50
14B T 66 10 HC$ 1.00 MF$ 0.50
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17J T 66 10 HC$ 2.00 MF$ 0.50
9A T 66 10 HC$ 2.00 MF$ 0.50
9A T 66 10 HC$ 1.00 MF$ 0.50
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8A T 66 10 HC$ 1.60 MF$ 0.50
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14B T 66 10 HC$22.60 MF$ 1.25
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20C T 66 10 HC$ 1.60 MF$ 0.50
5I T 66 10 HC$ 4.60 MF$ 0.50
20D T 66 10 HC$ 1.10 MF$ 0.50
5B T 66 10 HC$ 2.00 MF$ 0.50
8B T 66 10 HC$13.60 MF$ 1.00
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12A T 66 10 HC$ 1.00 MF$ 0.50
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17B T 66 10 HC$ 9.60 MF$ 0.75
4B T 66 10 HC$ 2.00 MF$ 0.50
8J T 66 10 HC$ 1.10 MF$ 0.50
8J T 66 10 HC$ 1.10 MF$ 0.50
15G T 66 10 MF$ 0.50
15G T 66 10 MF$ 0.50
14A T 66 10 HC$ 3.00 MF$ 0.50
12A T 66 10
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3A T 66 10
7D T 66 10
7B T 66 10 HC$ 7.60 MF$ 0.75
20K T 66 10
20D T 66 10
20L T 66 10 HC$ 1.00 MF$ 0.50
19D T 66 10
21B T 66 10
17A T 66 10 HC$ 2.60 MF$ 0.50
17I T 66 10 HC$ 5.00 MF$ 1.00
7C T 66 10
20J T 66 10
7C T 66 10
7D T 66 10
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7C T 66 10
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12A T 66 10
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4B T 66 10 HC$ 1.00 MF$ 0.50
4B T 66 10 HC$ 1.00 MF$ 0.50
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20D T 66 10 HC$ 5.60 MF$ 0.50
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12A T 66 10
22C T 66 10
7D T 66 10
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22B T 66 10 HC$ 1.10 MF$ 0.50
12A T 66 10
12A T 66 10
8K T 66 10
20D T 66 10

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AD464 309
AEC WT-338
AD-629 883
AECD-TR-66-37
AD-629 955
AEDC TR-65-117
AD-464 018
AEDC TR-65-167,
AD-467 022
AEDC 66-65
AD-630 461
AEDC-TDR-64-185
AD-451 305
AEDC-TDR-64-271
AD-453 973
AEDC-TN-60-162
PB-169 436
AEDC-TR-65-271
AD-630 899
AEDC-TR-65-69
AD-465 129
AEDC-TR-66-1
AD-630 315
AEDC-TR-66-13
AD-630 522
AEDC-TR-66-16
AD-631 149
AEDC-TR-66-21
AD-630 901
AEDC-TR-66-44
AD-630 630
AERDL T-1822-66,
AD-630 267
AERDL T-1823-66,
AD-630 688
AERDL T-1824-66,
AD-631 171
AERDL T-1829-66
AD-630 687
AERDL T-1834-66,
AD-631 172
AERDL T-1836-66,
AD-631 173
AERDL T-1837-66,
AD-631 174
AERO-1084
AD-466 621
AERO-1090
AD-465 895
AERO-883
AD-471 882
AEWES CR-1-135
AD-631 028
AFAPL TR-65-116
AD-630 635
AFAPL TR-65-13-PT-2

20D T 66 10
6S T 66 10
5I T 66 10 HC$ 1.60 MF$ 0.50
6P T 66 10 HC$ 1.60 MF$ 0.50
8L T 66 10 HC$ 1.60 MF$ 0.50
1D T 66 10 HC$ 1.60 MF$ 0.50
6E T 66 10 HC$ 2.60 MF$ 0.50
6N T 66 10 HC$ 4.60 MF$ 0.50
6R T 66 10 HC$ 2.60 MF$ 0.50
6A T 66 10 HC$ 1.60 MF$ 0.50
8J T 66 10 HC$ 1.00 MF$ 0.50
1B T 66 10 HC$ 6.00 MF$ 1.50
13J T 66 10 HC$ 2.60 MF$ 0.50
20D T 66 10 HC$ 2.00 MF$ 0.50
8M T 66 10 HC$ 2.60 MF$ 0.50
6S T 66 10 HC$ 3.00 MF$ 0.75
17G T 66 10 HC$ 1.60 MF$ 0.50
11F T 66 10 HC$ 1.60 MF$ 0.50
7D T 66 10
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12A T 66 10
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9C T 66 10 HC$ 1.60 MF$ 0.50
9C T 66 10 HC$ 1.60 MF$ 0.50
3C T 66 10
9E T 66 10
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17B T 66 10
14A T 66 10 HC$ 2.00 MF$ 0.50
20N T 66 10 HC$ 3.00 MF$ 0.75
11F T 66 10 HC$ 2.00 MF$ 0.50
21E T 66 10 HC$ 1.00 MF$ 0.50
11F T 66 10 HC$ 1.00 MF$ 0.50
13H T 66 10 HC$ 1.00 MF$ 0.50
18D T 66 10 HC$ 1.60 MF$ 0.50
20H T 66 10 HC$ 1.60 MF$ 0.50
20D T 66 10 HC$ 4.60 MF$ 0.50
5I T 66 10 HC$ 2.00 MF$ 0.50
20B T 66 10 HC$ 1.00 MF$ 0.50
17I T 66 10 HC$ 3.00 MF$ 0.75
13B T 66 10 HC$ 2.60 MF$ 0.50
5H T 66 10 HC$ 5.00 MF$ 1.00
14B T 66 10 HC$ 3.00 MF$ 0.75
20H T 66 10 HC$ 1.60 MF$ 0.50
11F T 66 10 HC$ 3.60 MF$ 0.50
1C T 66 10 HC$12.60 MF$ 1.00
20L T 66 10 HC$ 1.00 MF$ 0.50
9A T 66 10 HC$ 5.60 MF$ 0.50
6R T 66 10 HC$ 2.60 MF$ 0.50
12A T 66 10 HC$ 4.60 MF$ 0.50
18H U 41 09 HC$ 4.00
19D T 66 09 HC$ 2.60 MF$ 0.50
20D T 66 09 HC$ 6.60 MF$ 0.75
14B U 41 10 HC$ 7.35
1A U 41 09 HC$ 2.00 MF$ 0.50
7D T 66 09 HC$ 7.00 MF$ 1.50
14B U 41 09 HC$ 2.60
14B U 41 09 HC$ 2.60
14B U 41 10 HC$ 2.60
20C T 66 10 HC$ 2.00 MF$ 0.50
20K U 41 10 HC$ 4.00 MF$ 0.75
14B T 66 09 HC$ 2.00 MF$ 0.50
20D T 66 10 HC$ 3.00 MF$ 0.75
20D T 66 10 HC$ 2.00 MF$ 0.50
22B T 66 10 HC$ 2.60 MF$ 0.50
20D T 66 10 HC$ 2.00 MF$ 0.50
12A T 66 09 HC$ 2.00 MF$ 0.50
13H T 66 10 HC$ 1.00 MF$ 0.50
11F T 66 10 HC$ 2.00 MF$ 0.50
17B T 66 10 HC$ 1.00 MF$ 0.50
21E T 66 10 HC$ 1.00 MF$ 0.50
11F T 66 10 HC$ 1.00 MF$ 0.50
13H T 66 10 HC$ 1.00 MF$ 0.50
1C U 41 09 HC$ 2.00 MF$ 0.50
1C U 41 09 HC$ 1.00 MF$ 0.50
20D U 41 10 HC$ 3.60 MF$ 0.50
18C T 66 10 HC$14.60 MF$ 1.00
13M T 66 10 HC$ 4.00 MF$ 1.00

AD-630 768 21D T 66 10 HC$ 5.00 MF$ 1.00
AFCRC TN-60-559,
PB-169 469 9A U 41 10 HC$ 1.60
AFCRL ERP-167,
AD-629 985 8N T 66 09
AFCRL PSRP-198,
AD-630 616 7D T 66 10
AFCRL 63-433
AD-406 895 8K U 41 09 HC$16.80
AFCRL 63-596
AD-629 996 4A T 66 09 HC$16.10 MF$ 1.00
AFCRL 63-631
AD-630 293 4A T 66 09 HC$ 5.00 MF$ 1.00
AFCRL 65-448
AD-630 200 4B T 66 09 HC$ 5.00 MF$ 1.00
AD-630 200 4B T 66 09 HC$ 5.00 MF$ 1.00
AFCRL 65-475
AD-629 999 14B T 66 09 HC$29.30 MF$ 1.50
AFCRL 65-732
AD-629 994 20N T 66 09 HC$ 5.60 MF$ 0.50
AFCRL 65-734-VOL-1
AD-629 774 1C T 66 09 HC$ 5.60 MF$ 0.50
AFCRL 65-734-VOL-2
AD-629 775 1C T 66 09 HC$ 8.60 MF$ 0.75
AFCRL 65-737
AD-630 591 4A T 66 10 HC$ 2.00 MF$ 0.50
AFCRL 65-754
AD-629 993 20N T 66 09
AFCRL 65-865-VOL-2
AD-630 049 9E T 66 09 HC$ 2.00 MF$ 0.50
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AD-630 144 20N T 66 09 HC$ 6.60 MF$ 0.75
AFCRL 65-904
AD-630 893 8G T 66 10 HC$ 5.60 MF$ 0.75
AFCRL 65-910
AD-630 112 3B T 66 09 HC$ 6.60 MF$ 0.75
AFCRL 65-919
AD-630 011 20C T 66 09 HC$ 3.60 MF$ 0.50
AFCRL 65-921
AD-630 706 4B T 66 10 HC$ 2.00 MF$ 0.50
AFCRL 66-104
AD-630 003 20N T 66 09 HC$ 3.60 MF$ 0.50
AFCRL 66-105
AD-630 590 20F T 66 10 HC$ 2.00 MF$ 0.50
AFCRL 66-107
AD-630 705 13H T 66 10 HC$ 2.60 MF$ 0.50
AFCRL 66-116
AD-630 622 1C T 66 10 HC$ 2.00 MF$ 0.50
AFCRL 66-119
AD-631 041 20B T 66 10 HC$ 4.00 MF$ 0.75
AFCRL 66-120
AD-631 040 9E T 66 10 HC$ 3.00 MF$ 0.75
AFCRL 66-121
AD-630 101 8K T 66 09
AFCRL 66-123
AD-630 616 7D T 66 10
AFCRL 66-127
AD-630 424 9B T 66 09 HC$ 1.00 MF$ 0.50
AFCRL 66-128
AD-631 047 20N T 66 10 HC$ 1.10 MF$ 0.50
AFCRL 66-129
AD-630 642 3A T 66 10 HC$ 4.00 MF$ 1.00
AFCRL 66-140
AD-630 255 3B T 66 09 HC$ 1.00 MF$ 0.50
AFCRL 66-157
AD-630 932 22B T 66 10 HC$24.30 MF$ 1.25
AFCRL 66-159
AD-630 904 7D T 66 10 HC$ 2.00 MF$ 0.50
AFCRL 66-17
AD-630 143 20I T 66 09 HC$ 2.00 MF$ 0.50
AFCRL 66-178
AD-630 920 21H T 66 10 HC$ 5.60 MF$ 0.50
AFCRL 66-183
AD-630 778 20N T 66 10
AFCRL 66-21
AD-629 773 1C T 66 09 HC$ 3.60 MF$ 0.50
AFCRL 66-211
AD-631 046 20N T 66 10 HC$ 4.00 MF$ 0.75
AFCRL 66-213
AD-631 044 20L T 66 10 HC$ 1.60 MF$ 0.50
AFCRL 66-22
AD-630 560 9D T 66 10 HC$ 2.00 MF$ 0.50
AFCRL 66-24
AD-630 428 9D T 66 09 HC$ 3.00 MF$ 0.75
AFCRL 66-29
AD-630 022 9B T 66 09 HC$ 2.00 MF$ 0.50
AFCRL 66-45
AD-629 985 8N T 66 09
AFCRL 66-55
AD-630 126 4A T 66 09 HC$13.60 MF$ 1.00
AFCRL 66-64
AD-630 339 7D T 66 09 HC$ 2.00 MF$ 0.50
AFCRL 66-65
AD-629 956 3B T 66 09 HC$ 4.00 MF$ 0.75
AFCRL 66-66
AD-630 304 12B T 66 09 HC$ 1.60 MF$ 0.50
AFCRL 66-68
AD-630 704 20N T 66 10 HC$ 2.60 MF$ 0.50
AFCRL 66-75
AD-631 048 4A T 66 10 HC$ 5.60 MF$ 0.50
AFCRL 66-78
AD-630 111 8G T 66 09 HC$ 4.00 MF$ 1.00
AFCRL 66-88
AD-629 924 20I T 66 09 HC$ 3.00 MF$ 0.75
AFCRL 66-89
AD-629 925 20E T 66 09 HC$ 5.00 MF$ 1.00
AFCRL 66-90
AD-630 340 9D T 66 09 HC$ 5.00 MF$ 1.00
AFCRL 66-92
AD-630 658 3B T 66 10 HC$ 2.60 MF$ 0.50
AFCRL 66-93
AD-630 460 4B T 66 09 HC$ 7.00 MF$ 1.50
AFCRL-ERP-151
AD-629 933 4B T 66 09 HC$20.20 MF$ 1.25
AFCRL-ERP-162
AD-629 989 4A T 66 09 HC$ 2.00 MF$ 0.50
AFCRL-ERP-170
AD-630 614 3A T 66 10
AFCRL-ERP-172
AD-630 617 4B T 66 10
AFCRL-ERP-176
AD-631 094 4B T 66 10
AFCRL-ERP-177
AD-630 928 4A T 66 10
AFCRL-ERP-179
AD-631 096 3B T 66 10
AFCRL-IP-87
AD-629 982 8E T 66 09
AFCRL-IP-88
AD-629 984 20F T 66 09
AFCRL-IP-89
AD-629 986 4A T 66 09
AFCRL-IP-90
AD-629 988 4B T 66 09
AFCRL-IP-93
AD-630 931 20B T 66 10 HC$ 1.00 MF$ 0.50
AFCRL-IP-94
AD-630 613 3B T 66 10 HC$ 2.00 MF$ 0.50
AFCRL-PMSRP-192
AD-630 610 9B T 66 10 HC$ 2.00 MF$ 0.50
AFCRL-PMSRP-195
AD-631 074 12A T 66 10 HC$ 1.00 MF$ 0.50
AFCRL-PSRP-185
AD-629 987 7D T 66 09
AFCRL-PSRP-186
AD-631 073 20B T 66 10 HC$ 3.00 MF$ 0.75
AFCRL-PSRP-188
AD-630 608 20E T 66 10 HC$ 4.60 MF$ 0.50
AFCRL-PSRP-190
AD-630 609 H13H,T 66 10 HC$ 3.00 MF$ 0.75
AFCRL-PSRP-191
AD-630 611 20C T 66 10 HC$ 2.60 MF$ 0.50
AFCRL-PSRP-194
AD-630 607 5J T 66 10 HC$ 1.00 MF$ 0.50
AFCRL-PSRP-196
AD-630 612 20N T 66 10 HC$ 3.60 MF$ 0.50
AFCRL-PSRP-197
AD-630 615 20L T 66 10
AFCRL-PSRP-200
AD-631 092 7D T 66 10
AFCRL-PSRP-202
AD-631 093 7B T 66 10
AFCRL-PSRP-203
AD-631 095 20N T 66 10
AFCRL-SR-39
AD-629 983 3A T 66 09
AFCRL-SR-42
AD-630 618 4B T 66 10
AFCRL-65-761
AD-629 933 4B T 66 09 HC$20.20 MF$ 1.25
AFCRL-65-913
AD-629 989 4A T 66 09 HC$ 2.00 MF$ 0.50
AFCRL-66-101
AD-631 074 12A T 66 10 HC$ 1.00 MF$ 0.50
AFCRL-66-106
AD-630 931 20B T 66 10 HC$ 1.00 MF$ 0.50
AFCRL-66-114
AD-630 612 20N T 66 10 HC$ 3.60 MF$ 0.50
AFCRL-66-118
AD-630 615 20L T 66 10
AFCRL-66-122
AD-630 613 3B T 66 10 HC$ 2.00 MF$ 0.50
AFCRL-66-126
AD-630 617 4B T 66 10
AFCRL-66-133
AD-631 092 7D T 66 10
AFCRL-66-149
AD-631 093 7B T 66 10
AFCRL-66-15
AD-629 984 20F T 66 09
AFCRL-66-150
AD-630 618 4B T 66 10
AFCRL-66-154
AD-631 094 4B T 66 10
AFCRL-66-172
AD-631 095 20N T 66 10
AFCRL-66-174
AD-630 928 4A T 66 10
AFCRL-66-185
AD-631 096 3B T 66 10
AFCRL-66-3
AD-629 982 8E T 66 09
AFCRL-66-31
AD-629 987 7D T 66 09
AFCRL-66-32
AD-629 983 3A T 66 09
AFCRL-66-33
AD-631 073 20B T 66 10 HC$ 3.00 MF$ 0.75
AFCRL-66-47
AD-629 986 4A T 66 09
AFCRL-66-57
AD-630 608 20E T 66 10 HC$ 4.60 MF$ 0.50
AFCRL-66-61
AD-629 988 4B T 66 09
AFCRL-66-63
AD-630 609 H13H,T 66 10 HC$ 3.00 MF$ 0.75
AFCRL-66-81
AD-630 611 20C T 66 10 HC$ 2.60 MF$ 0.50
AFCRL-66-83
AD-630 614 3A T 66 10
AFCRL-66-84
AD-630 610 9B T 66 10 HC$ 2.00 MF$ 0.50

AFCRL-66-86
AD-630 607 5J T 66 10 HC$ 1.00 MF$ 0.50

AFFDL TR-65-107-PT-2
AD-630 765 20D T 66 10 HC$ 9.60 MF$ 0.75

AFFDL TR-65-229
AD-630 790 13G T 66 10 HC$10.60 MF$ 0.75

AFFDL-TR-65-185
AD-630 605 18H T 66 10 HC$ 6.60 MF$ 0.75

AFFDL-TR-65-189
AD-630 470 20F T 66 09 HC$ 3.00 MF$ 0.50

AFFDL-TR-65-191
AD-630 463 22B T 66 09 HC$ 2.00 MF$ 0.50

AFFDL-TR-65-211
AD-630 469 22B T 66 09 HC$ 3.60 MF$ 0.50

AFML TDR-64-16-PT-4
AD-629 960 11G T 66 09 HC$ 2.00 MF$ 0.50

AFML TR-64-368
AD-629 761 7B T 66 09 HC$ 6.60 MF$ 0.75

AFML TR-65-230
AD-630 907 11J T 66 10 HC$ 4.00 MF$ 0.75

AFML TR-65-276
AD-630 665 7D T 66 10 HC$ 2.60 MF$ 0.50

AFML TR-65-303-PT-1
AD-629 777 11D T 66 09 HC$ 4.00 MF$ 1.00

AFML TR-66-2
AD-630 661 11F T 66 10 HC$ 3.00 MF$ 0.75

AFML TR-66-4
AD-630 949 11F T 66 10 HC$ 2.00 MF$ 0.50

AFML TR-66-54
AD-630 884 11D T 66 10

AFML-TR-65-411
AD-630 251 11D T 66 09 HC$ 1.00 MF$ 0.50

AFOSR TN-57-283,
PB-169 441 20D U 41 10 HC$ 7.60

AFOSR TN-60-613
AD-630 595 12A T 66 10 HC$ 9.60 MF$ 0.75

AFOSR 1964
AD-630 703 20I T 66 10 HC$ 3.60 MF$ 0.50

AFOSR 2130
AD-630 186 6P T 66 09

AFOSR 2131
AD-630 185 6R T 66 09

AFOSR 2132
AD-630 051 6P T 66 09 HC$ 5.60 MF$ 0.75

AFOSR 2133
AD-630 187 6A T 66 09

AFOSR 2649
AD-630 596 20L T 66 10 HC$ 1.10 MF$ 0.50

AFOSR 3324
AD-630 380 9D T 66 09

AFOSR 4530
AD-630 406 20J T 66 09

AFOSR 65-0058
AD-631 177 20D T 66 10 HC$ 4.60 MF$ 0.50

AFOSR 65-0827
AD-629 853 20H T 66 09

AFOSR 65-1563
AD-630 589 20D T 66 10 HC$ 3.00 MF$ 0.75

AFOSR 65-1931
AD-630 136 9E T 66 09 HC$ 2.60 MF$ 0.50

AFOSR 65-2100
AD-630 516 12A T 66 09

AFOSR 65-2111
AD-629 791 12A T 66 09

AFOSR 65-2113
AD-630 585 12A T 66 10

AFOSR 65-2114
AD-630 208 12A T 66 09

AFOSR 65-2116
AD-630 209 20N T 66 09

AFOSR 65-2120
AD-630 211 7D T 66 09

AFOSR 65-2126
AD-629 843 11F T 66 09

AFOSR 65-2131
AD-630 397 12A T 66 09

AFOSR 65-2132
AD-629 822 8K T 66 09

AFOSR 65-2133
AD-629 799 20I T 66 09

AFOSR 65-2134
AD-629 800 20I T 66 09

AFOSR 65-2135
AD-629 803 7E T 66 09

AFOSR 65-2136
AD-629 797 7D T 66 09

AFOSR 65-2137
AD-629 796 7D T 66 09

AFOSR 65-2152
AD-629 866 12A T 66 09

AFOSR 65-2153
AD-629 848 6A T 66 09

AFOSR 65-2235
AD-629 794 12A T 66 09

AFOSR 65-2236
AD-629 841 11F T 66 09

AFOSR 65-2239
AD-475 885 20D U 41 10 HC$ 6.00 MF$ 1.25

AFOSR 65-2324
AD-629 802 8C T 66 09

AFOSR 65-2325
AD-629 793 12A T 66 09

AFOSR 65-2329
AD-629 790 12A T 66 09

AFOSR 65-2337
AD-630 334 20K T 66 09

AFOSR 65-2339
AD-629 855 12B T 66 09

AFOSR 65-2344
AD-629 792 12A T 66 09

AFOSR 65-2349
AD-629 851 9B T 66 09

AFOSR 65-2350
AD-629 817 12A T 66 09

AFOSR 65-2354
AD-629 814 12B T 66 09

AFOSR 65-2364
AD-629 808 7D T 66 09

AFOSR 65-2370
AD-629 798 7D T 66 09

AFOSR 65-2431
AD-629 795 12A T 66 09

AFOSR 65-2533
AD-629 828 20L T 66 09

AFOSR 65-2537
AD-629 847 20L T 66 09

AFOSR 65-2538
AD-629 821 20L T 66 09

AFOSR 65-2546
AD-629 830 11F T 66 09

AFOSR 65-2550
AD-629 832 20L T 66 09

AFOSR 65-2573
AD-629 826 20L T 66 09

AFOSR 65-2577
AD-629 850 11F T 66 09

AFOSR 65-2594
AD-629 868 20H T 66 09

AFOSR 65-2636
AD-629 844 620L,T 66 09

AFOSR 65-2663
AD-629 829 5J T 66 09

AFOSR 65-2668
AD-629 856 5J T 66 09

AFOSR 65-2686
AD-629 836 9B T 66 09

AFOSR 65-2690
AD-629 801 5B T 66 09

AFOSR 65-2771
AD-629 842 3B T 66 09

AFOSR 65-2772
AD-629 827 20D T 66 09

AFOSR 65-2777
AD-629 815 20H T 66 09

AFOSR 65-2782
AD-629 819 7D T 66 09

AFOSR 65-2785
AD-629 820 20J T 66 09

AFOSR 65-2831
AD-629 825 6A T 66 09

AFOSR 65-2859
AD-629 845 6A T 66 09

AFOSR 66-0008
AD-630 898 12A T 66 10

AFOSR 66-0009
AD-630 396 12A T 66 09

AFOSR 66-0015
AD-631 114 12A T 66 10

AFOSR 66-0016
AD-630 324 20J T 66 09

AFOSR 66-0017
AD-630 308 20H T 66 09

AFOSR 66-0018
AD-630 079 20C T 66 09

AFOSR 66-0019
AD-630 306 20J T 66 09

AFOSR 66-0020
AD-630 309 20H T 66 09

AFOSR 66-0021
AD-630 277 20J T 66 09

AFOSR 66-0025
AD-630 237 20H T 66 09

AFOSR 66-0031
AD-631 133 12A T 66 10

AFOSR 66-0032
AD-631 126 12A T 66 10

AFOSR 66-0034
AD-631 125 12A T 66 10

AFOSR 66-0035
AD-631 127 12A T 66 10

AFOSR 66-0037
AD-630 387 4A T 66 09

AFOSR 66-0048
AD-630 897 12A T 66 10

AFOSR 66-0052
AD-629 839 11F T 66 09

AFOSR 66-0053
AD-629 824 20L T 66 09

AFOSR 66-0054
AD-629 823 11F T 66 09

AFOSR 66-0055
AD-631 132 12A T 66 10

AFOSR 66-0056
AD-631 104 21B T 66 10

AFOSR 66-0059
AD-629 846 7D T 66 09

AFOSR 66-0061
AD-630 310 20J T 66 09

AFOSR 66-0062
AD-630 321 20J T 66 09

AFOSR 66-0067
AD-630 213 20J T 66 09

AFOSR 66-0068
AD-630 442 20J T 66 09

AFOSR 66-0069
AD-630 375 20J T 66 09

AFOSR 66-0070
AD-630 441 20H T 66 09

AFOSR 66-0071
AD-630 443 20H T 66 09

AFOSR 66-0072
AD-630 277 20J T 66 09

AFOSR 66-0073
AD-630 212 20J T 66 09
AFOSR 66-0074
AD-630 379 20J T 66 09
AFOSR 66-0075
AD-630 378 20H T 66 09
AFOSR 66-0076
AD-630 376 20C T 66 09
AFOSR 66-0077
AD-630 381 20J T 66 09
AFOSR 66-0078
AD-630 517 20J T 66 09
AFOSR 66-0079
AD-629 858 20C T 66 09
AFOSR 66-0101
AD-631 162 3B T 66 10
AFOSR 66-0102
AD-630 140 20J T 66 09
AFOSR 66-0103
AD-630 138 20H T 66 09
AFOSR 66-0104
AD-630 512 20H T 66 09
AFOSR 66-0105
AD-630 240 20H T 66 09
AFOSR 66-0106
AD-630 239 18D T 66 09
AFOSR 66-0116
AD-631 103 19D T 66 10
AFOSR 66-0119
AD-631 160 20K T 66 10
AFOSR 66-0120
AD-631 101 20D T 66 10
AFOSR 66-0121
AD-631 049 5K T 66 10 HC$ 2.00 MF$ 0.50
AFOSR 66-0122
AD-631 019 5K T 66 10 HC$ 2.00 MF$ 0.50
AFOSR 66-0123
AD-631 020 5K T 66 10 HC$ 2.00 MF$ 0.50
AFOSR 66-0124
AD-630 793 5J T 66 10 HC$ 5.60 MF$ 0.50
AFOSR 66-0125
AD-630 564 5D T 66 10 HC$ 4.00 MF$ 1.00
AFOSR 66-0130
AD-630 521 5B T 66 10 HC$ 4.00 MF$ 0.75
AFOSR 66-0132
AD-630 425 20D T 66 09 HC$ 8.60 MF$ 0.75
AFOSR 66-0133
AD-630 426 20K T 66 09 HC$ 2.00 MF$ 0.50
AFOSR 66-0134
AD-629 778 20D T 66 09 HC$ 1.60 MF$ 0.50
AFOSR 66-0156
AD-630 794 20A T 66 10 HC$14.60 MF$ 1.00
AFOSR 66-0192
AD-631 124 12A T 66 10
AFOSR 66-0195
AD-631 123 9E T 66 10
AFOSR 66-0197
AD-631 115 9E T 66 10
AFOSR 66-0211
AD-630 448 20K T 66 09
AFOSR 66-0235
AD-629 840 20L T 66 09
AFOSR 66-0243
AD-631 155 8C T 66 10
AFOSR 66-0244
AD-631 091 12A T 66 10
AFOSR 66-0247
AD-630 584 12A T 66 10
AFOSR 66-0253
AD-630 896 12A T 66 10
AFOSR 66-0255
AD-631 158 12A T 66 10
AFOSR 66-0258
AD-631 113 12A T 66 10
AFOSR 66-0267
AD-630 214 12A T 66 09
AFOSR 66-0278
AD-630 228 7E T 66 09
AFOSR 66-0282
AD-630 229 18D T 66 09
AFOSR 66-0284
AD-630 095 7D T 66 09
AFOSR 66-0295
AD-631 007 20M T 66 10 HC$ 4.60 MF$ 0.50
AFOSR 66-0296
AD-629 833 7E T 66 09
AFOSR 66-0297
AD-629 834 7E T 66 09
AFOSR 66-0298
AD-629 835 L 7E,T 66 09
AFOSR 66-0299
AD-629 852 7C T 66 09
AFOSR 66-0301
AD-629 807 7D T 66 09
AFOSR 66-0306
AD-629 806 7C T 66 09
AFOSR 66-0310
AD-629 813 7D T 66 09
AFOSR 66-0311
AD-629 849 7D T 66 09
AFOSR 66-0314
AD-629 804 7C T 66 09
AFOSR 66-0315
AD-629 809 7C T 66 09
AFOSR 66-0319
AD-629 838 7C T 66 09
AFOSR 66-0320
AD-629 837 7C T 66 09
AFOSR 66-0321
AD-629 810 7C T 66 09
AFOSR 66-0322
AD-629 811 7D T 66 09
AFOSR 66-0323
AD-629 812 7D T 66 09
AFOSR 66-0327
AD-631 100 20K T 66 10
AFOSR 66-0328
AD-631 156 20D T 66 10
AFOSR 66-0329
AD-631 136 20D T 66 10
AFOSR 66-0330
AD-631 135 20D T 66 10
AFOSR 66-0334
AD-630 588 20D T 66 10 HC$ 2.60 MF$ 0.50
AFOSR 66-0339
AD-630 799 20D T 66 10 HC$ 2.00 MF$ 0.50
AFOSR 66-0342
AD-630 641 21D T 66 10 HC$ 2.00 MF$ 0.50
AFOSR 66-0347
AD-631 098 7D T 66 10
AFOSR 66-0348
AD-630 632 20I T 66 10 HC$ 1.00 MF$ 0.50
AFOSR 66-0349
AD-631 159 21B T 66 10
AFOSR 66-0354
AD-630 634 21B T 66 10 HC$ 1.00 MF$ 0.50
AFOSR 66-0369
AD-630 226 7D T 66 09
AFOSR 66-0372
AD-630 232 7D T 66 09
AFOSR 66-0373
AD-630 279 20J T 66 09
AFOSR 66-0374
AD-630 234 3B T 66 09
AFOSR 66-0375
AD-630 235 3B T 66 09
AFOSR 66-0377
AD-630 223 9B T 66 09
AFOSR 66-0378
AD-629 831 20M T 66 09
AFOSR 66-0379
AD-630 236 20J T 66 09
AFOSR 66-0380
AD-630 297 7D T 66 09
AFOSR 66-0381
AD-630 098 3B T 66 09
AFOSR 66-0382
AD-630 231 20J T 66 09
AFOSR 66-0384
AD-630 216 20F T 66 09
AFOSR 66-0385
AD-629 805 12A T 66 09
AFOSR 66-0392
AD-630 141 7D T 66 09
AFOSR 66-0394
AD-629 929 20F T 66 09
AFOSR 66-0395
AD-630 221 20J T 66 09
AFOSR 66-0396
AD-629 871 20J T 66 09
AFOSR 66-0397
AD-629 816 20J T 66 09
AFOSR 66-0398
AD-630 230 18D T 66 09
AFOSR 66-0400
AD-629 818 7D T 66 09
AFOSR 66-0431
AD-630 210 20J T 66 09
AFOSR 66-0432
AD-630 449 3B T 66 09
AFOSR 66-0433
AD-630 355 20H T 66 09
AFOSR 66-0435
AD-630 398 20H T 66 09
AFOSR 66-0437
AD-630 322 20J T 66 09
AFOSR 66-0438
AD-630 402 20J T 66 09
AFOSR 66-0439
AD-630 225 20H T 66 09
AFOSR 66-0440
AD-630 233 20J T 66 09
AFOSR 66-0442
AD-630 444 20J T 66 09
AFOSR 66-0444
AD-630 320 20H T 66 09
AFOSR 66-0445
AD-630 520 20H T 66 10
AFOSR 66-0447
AD-630 313 20J T 66 09
AFOSR 66-0448
AD-630 311 20J T 66 09
AFOSR 66-0449
AD-630 447 20H T 66 09
AFOSR 66-0450
AD-630 361 20H T 66 09
AFOSR 66-0452
AD-630 087 20H T 66 09
AFOSR 66-0453
AD-630 586 20J T 66 10
AFOSR 66-0454
AD-630 367 20J T 66 09
AFOSR 66-0455
AD-630 139 4A T 66 09
AFOSR 66-0456
AD-630 307 20H T 66 09
AFOSR 66-0457
AD-630 446 20H T 66 09
AFOSR 66-0458
AD-630 224 20J T 66 09
AFOSR 66-0459
AD-630 583 20H T 66 10

AFOSR 66-0460
AD-630 508 20J T 66 09
AFOSR 66-0461
AD-630 511 20J T 66 09
AFOSR 66-0462
AD-630 362 20H T 66 09
AFOSR 66-0463
AD-630 371 20H T 66 09
AFOSR 66-0464
AD-630 369 20H T 66 09
AFOSR 66-0466
AD-630 365 20H T 66 09
AFOSR 66-0468
AD-630 407 20J T 66 09
AFOSR 66-0469
AD-630 445 20J T 66 09
AFOSR 66-0470
AD-630 363 20J T 66 09
AFOSR 66-0471
AD-630 384 20J T 66 09
AFOSR 66-0472
AD-630 507 20J T 66 09
AFOSR 66-0473
AD-630 510 20J T 66 09
AFOSR 66-0474
AD-630 509 20J T 66 09
AFOSR 66-0475
AD-630 399 20J T 66 09
AFOSR 66-0476
AD-630 080 20H T 66 09
AFOSR 66-0480
AD-631 161 20J T 66 10
AFOSR 66-0482
AD-630 519 20H T 66 10
AFOSR 66-0483
AD-630 238 20H T 66 09
AFOSR 66-0484
AD-630 088 20H T 66 09
AFOSR 66-0485
AD-630 220 20H T 66 09
AFOSR 66-0486
AD-630 241 20H T 66 09
AFOSR 66-0569
AD-630 543 20K T 66 10 HC$ 2.00 MF$ 0.50
AFOSR 66-0570
AD-631 154 7D T 66 10
AFOSR 66-0575
AD-629 779 14B T 66 09 HC$ 1.60 MF$ 0.50
AFOSR 66-0597
AD-630 429 5J T 66 09 HC$ 4.00 MF$ 1.00
AFOSR 66-0602
AD-630 524 6A T 66 10 HC$ 1.10 MF$ 0.50
AFOSR 66-0605
AD-630 393 7D T 66 09 HC$ 1.60 MF$ 0.50
AFOSR 66-0606
AD-630 409 21B T 66 09 HC$ 1.60 MF$ 0.50
AD-630 409 21B T 66 09 HC$ 1.60 MF$ 0.50
AFOSR 66-0607
AD-630 549 7B T 66 10 HC$ 2.00 MF$ 0.50
AFOSR 66-0609
AD-630 678 14B T 66 10 HC$ 1.00 MF$ 0.50
AFOSR 66-0610
AD-630 523 20K T 66 10 HC$ 1.00 MF$ 0.50
AFOSR 66-0613
AD-630 392 20K T 66 09 HC$ 3.00 MF$ 0.50
AFOSR 66-0614
AD-630 629 20D T 66 10 HC$ 4.60 MF$ 0.50
AFOSR 66-0616
AD-630 677 20I T 66 10 HC$ 2.60 MF$ 0.50
AFOSR 66-0618
AD-630 550 20M T 66 10 HC$ 5.60 MF$ 0.50
AFOSR 66-0622
AD-631 128 22C T 66 10
AFOSR 66-0623
AD-631 157 20D T 66 10
AFOSR 66-0625
AD-631 129 7D T 66 10
AFOSR 66-0626
AD-630 980 11B T 66 10
AFOSR 66-0628
AD-630 797 5B T 66 10 HC$ 3.00 MF$ 0.75
AFOSR 66-0629
AD-630 795 7B T 66 10 HC$ 1.60 MF$ 0.50
AFOSR 66-0631
AD-630 805 4A T 66 10 HC$ .60 MF$ 0.75
AFOSR 66-0633
AD-631 005 20I T 66 10 HC$ 7.60 MF$ 0.75
AFOSR 66-0634
AD-631 006 20D T 66 10 HC$ 2.60 MF$ 0.50
AFOSR-964(1951/1955)
AD-630 107 7B T 66 09 HC$ 4.60 MF$ 0.50
AFOSR-964(1956)
AD-630 108 7B T 66 09 HC$ 3.60 MF$ 0.50
AFOSR-964(1957)
AD-630 109 7B T 66 09 HC$ 4.60 MF$ 0.50
AFOSR-964(1958)
AD-630 105 7B T 66 09 HC$ 6.60 MF$ 0.75
AFOSR-964(1959)
AD-630 106 7B T 66 09 HC$ 5.60 MF$ 0.50
AFOSR-964(1961)
AD-630 086 7B T 66 09 HC$15.80 MF$ 1.00
AFRRI-TN-65-1
AD-630 698 18I T 66 10 HC$ 3.60 MF$ 0.50
AFSWP 1145,
PB-169 472 20N U 41 10 HC$ 1.60
AFWL TR-65-180
AD-630 792 8M T 66 10 HC$ 6.00 MF$ 1.25
AFWL TR-65-181
AD-630 137 7D T 66 09 HC$ 6.60 MF$ 0.75
AFWL TR-66-7
AD-629 921 20K T 66 09 HC$ 3.00 MF$ 0.75
AFWL-TR-65-111
AD-630 389 9B T 66 09 HC$ 3.00 MF$ 0.75
AFWL-TR-65-200
AD-631 189 6R T 66 10 HC$ 2.60 MF$ 0.50
AFWL-TR-65-32
AD-629 905 9E T 66 09 HC$ 2.00 MF$ 0.50
A6C-90016
N66-13124 21F U 41 09 HC$ 2.00 MF$ 0.50
A6N-TM-411 18K U 41 09 HC$ 4.00 MF$ 0.75
AIAA PAPER-66-32
AD-629 957 3C T 66 09 MF$ 0.50
AIR-D93B-6/65-RP(B)
AD-629 939 5A T 66 09 HC$ 6.00 MF$ 1.50
AIR-D93B-6/65-RP(C)
AD-629 941 5A T 66 09 HC$ 6.00 MF$ 1.25
AIR-D93B-6/65-TR(A-1)
AD-629 914 5A T 66 09 HC$ 8.60 MF$ 0.75
AIR-D93B-6/65-TR(A-11)
AD-629 915 5A T 66 09 HC$ 1.10 MF$ 0.50
AIR-D93B-6/65-TR(B-1)
AD-630 015 5A T 66 09 HC$ 1.00 MF$ 0.50
AIR-D93B-6/65-TR(B-11)
AD-630 016 5A T 66 09 HC$ 1.00 MF$ 0.50
AIR-D93B-6/65-TR(C-II)
AD-630 052 5A T 66 09 HC$ 1.00 MF$ 0.50
AIR-D93B-6/65-TR(C-1)
AD-629 935 5A T 66 09 HC$ 2.00 MF$ 0.50
AIR-D93C 6/65-RP
AD-629 940 5A T 66 09 HC$ 5.00 MF$ 1.00
AIR-D93C-6/65-TR(II)
AD-629 927 5A T 66 09 HC$ 1.00 MF$ 0.50
AIR-D93C-6/65-TR(1)
AD-629 926 5A T 66 09 HC$ 2.00 MF$ 0.50
AMBRL-TR-6516
AD-629 969 6L T 66 09 HC$ 1.00 MF$ 0.50
AMBRL-TR-6601
AD-629 970 6E T 66 09 HC$ 1.60 MF$ 0.50
AMC-RA RR-TR-65-5,
AD-467 414 20J U 41 10 HC$ 4.60 MF$ 0.50
AMP-160
N66-14958 20I U 41 10 HC$ 1.00 MF$ 0.50
AMP-184
AD-630 400 7D T 66 09
AMRA CR-63-01/1
AD-406 832 13H U 41 10 HC$ 2.60
AMRA CR-65-01/4
AD-630 359 F11D,T 66 09 HC$ 3.00 MF$ 0.75
AMRA MS-66-02
AD-630 652 13H T 66 10 HC$ 4.00 MF$ 1.00
AMRA TR-64-30
AD-452 163 18H U 41 10 HC$ 1.60
AMRA TR-65-25
AD-630 771 11F T 66 10 HC$ 1.00 MF$ 0.50
AMRA TR-65-31
AD-629 908 13H T 66 09 HC$ 1.00 MF$ 0.50
AMRA TR-65-33
AD-630 467 7D T 66 09 HC$ 1.00 MF$ 0.50
AMRA TR-66-02
AD-631 068 20C T 66 10 HC$ 1.60 MF$ 0.50
AMRL TR-65-116-VOL 3
AD-630 659 17B T 66 10 HC$ 3.00 MF$ 0.75
AMRL TR-65-154
AD-629 992 5I T 66 09 HC$ 3.00 MF$ 0.50
AMRL TR-65-161
AD-630 662 5J T 66 10 HC$ 3.60 MF$ 0.50
AMRL TR-65-164
AD-629 902 5J T 66 09
AMRL TR-65-173
AD-630 594 6T T 66 10 HC$ 3.00 MF$ 0.50
AMRL TR-65-206
AD-631 182 5H T 66 10 HC$ 5.00 MF$ 1.00
AMRL TR-65-208
AD-629 764 6T T 66 09 HC$ 1.00 MF$ 0.50
AMRL TR-65-211
AD-629 870 6E T 66 09 HC$ 1.00 MF$ 0.50
AMRL TR-65-215
AD-630 905 17B T 66 10 HC$ 4.00 MF$ 1.00
AMRL TR-65-223-VOL-2
AD-630 593 6T T 66 10 HC$ 2.00 MF$ 0.50
AMRL TR-65-228
AD-631 138 5I T 66 10 HC$ 1.60 MF$ 0.50
AMRL TR-65-232
AD-630 462 6P T 66 09 HC$ 2.00 MF$ 0.50
AMRL TR-65-235
AD-630 941 17B T 66 10 HC$ 1.00 MF$ 0.50
AMRL TR-65-67
AD-630 785 6S T 66 10
AMRL TR-66-6
AD-630 921 6P T 66 10 HC$ 2.00 MF$ 0.50
AMRL-TR-231
AD-630 638 5E T 66 10 HC$ 3.00 MF$ 0.75
AMRL-TR-65-141
AD-630 114 6S T 66 09 HC$ 1.00 MF$ 0.50
AMRL-TR-65-163
AD-630 639 1E T 66 10 HC$ 3.00 MF$ 0.50
AMRL-TR-65-71
AD-631 137 6S T 66 10
AM-66-2
AD-630 772 20D T 66 10 HC$ 4.60 MF$ 0.50
AM-66-3
AD-630 773 20K T 66 10 HC$ 4.60 MF$ 0.50
ANL TS-138
AD-630 908 11C T 66 10 HC$ 4.00 MF$ 0.75
ANL 66-9-CM,
AD-630 908 11C T 66 10 HC$ 4.00 MF$ 0.75
ANL-7033 18K U 41 09 HC$ 3.00 MF$ 0.75
ANL-7118 20G U 41 09 HC$ 4.00 MF$ 0.75
ANTENNA LAB REPT. NO. 65-21
AD-630 011 20C T 66 09 HC$ 3.60 MF$ 0.50
AN-1460
N66-13129 3B U 41 09 HC$ 2.00 MF$ 0.50

APDA-166
18J U 41 09 HC$ 2.00 MF$ 0.50

ARC-TRPL-8895
AD-630 932
22B T 66 10 HC$24.30 MF$ 1.25

ARD-253
AD-629 951
21E T 66 09 HC$ 6.60 MF$ 0.75

ARF-6040-12
PB-169 576
9A U 41 10 HC$ 3.60

ARF-8154
PB-169 594
17I U 41 10 HC$19.40

ARL TR-60-284
AD-631 188
9A T 66 10 HC$ 5.60 MF$ 0.50

ARL TR-66-7
AD-630 787
6C T 66 10 HC$ 2.60 MF$ 0.50

ARL 65-229
AD-630 350
21B T 66 09

ARL 65-254
AD-629 763
20J T 66 09 HC$ 5.00 MF$ 1.00

ARL 65-259
AD-629 776
11B T 66 09 HC$ 4.00 MF$ 0.75

ARL-65-193
AD-630 348
7D T 66 09

ARL-65-195
AD-630 346
12A T 66 09

ARL-65-239
AD-630 347
20M T 66 09

ARL-65-255
AD-629 787
11F T 66 09 HC$ 1.00 MF$ 0.50

ARL-65-261
AD-630 349
20H T 66 09

ARL-65-262
AD-630 345
20C T 66 09

ARL-66-0050
AD-630 491
20L T 66 09

AROD 1112:24
AD-630 720
7C T 66 10

AROD 1517:68
AD-630 100
12A T 66 09

AROD 2045:10
AD-630 713
20C T 66 10

AROD 2099:24
AD-630 681
20L T 66 10

AROD 2397:9
AD-631 111
7E T 66 10

AROD 2441:14
AD-630 158
7D T 66 09

AROD 2759:9
AD-631 110
7D T 66 10

AROD 2832:26
AD-630 004
7C T 66 09

AROD 2841:6
AD-630 071
11F T 66 09

AROD 2891:1
AD-270 254
11B U 41 10 HC$ 4.60

AROD 3060:7
AD-630 718
7B T 66 10

AROD 3118:9
AD-630 721
7B T 66 10

AROD 3133:4
AD-630 716
12B T 66 10

AROD 3193:1
AD-631 107
7C T 66 10

AROD 3269:20
AD-630 084
20H T 66 09

AROD 3269:27
AD-630 042
20H T 66 09 HC$ 1.00 MF$ 0.50

AROD 3269:28
AD-631 108
20J T 66 10

AROD 3299:5
AD-630 007
7C T 66 09

AROD 3299:6
AD-630 008
7C T 66 09

AROD 3299:7
AD-630 009
7C T 66 09

AROD 3537:1
AD-467 593
1A U 41 09 HC$ 3.00 MF$ 0.75

AROD 3824:1
AD-629 944
20L T 66 09

AROD 3824:3
AD-629 975
20H T 66 09

AROD 3824:4
AD-629 943
20L T 66 09

AROD 3953:2
AD-630 006
7B T 66 09

AROD 4050:6
AD-631 112
7C T 66 10

AROD 4050:7
AD-631 109
7C T 66 10

AROD 4050:8
AD-630 840
7C T 66 10 HC$ 1.10 MF$ 0.50

AROD 4192:3
AD-630 715
7D T 66 10

AROD 4251:7
AD-630 717
7D T 66 10

AROD 4313:9
AD-630 067
14B T 66 09

AROD 4375:8
AD-630 072
7E T 66 09

AROD 4445:29
AD-630 714
20H T 66 10

AROD 4617:3
AD-630 000
7D T 66 09

AROD 4721:3
AD-630 841
12B T 66 10 HC$ 1.60 MF$ 0.50

AROD 4832:7
AD-630 074
20I T 66 09 HC$ 4.00 MF$ 0.75

AROD 4890:3
AD-630 075
7B T 66 09

AROD 5023:3
AD-630 060
11F T 66 09

AROD 5092:1
AD-630 054
7C T 66 09

AROD 5092:5
AD-630 055
7D T 66 09

AROD 5092:7
AD-630 058
14B T 66 09

AROD 5092:8
AD-630 059
7D T 66 09

AROD 5092:9
AD-630 057
7C T 66 09

AROD 5107:4
AD-630 002
7D T 66 09

AROD 5117:1
AD-630 188
9A T 66 09

AROD 5133:19
AD-630 723
20H T 66 10

AROD 5177:4
AD-630 679
9E T 66 10

AROD 5307:7
AD-630 861
12B T 66 10 HC$ 1.60 MF$ 0.50

AROD 5307:8
AD-630 619
12B T 66 10 HC$ 6.60 MF$ 0.75

AROD 5537:1
AD-630 680
9A T 66 10

AROD 5718:1
AD-630 719
20L T 66 10

AROD 5803:2
AD-631 179
20B T 66 10 HC$ 1.00 MF$ 0.50

AROD 5838:1
AD-630 102
7C T 66 09

ARPA 20
AD-630 459
7D T 66 09 HC$ 1.00 MF$ 0.50

ARPA 21
AD-630 457
7D T 66 09 HC$ 1.00 MF$ 0.50

ARPA 22
AD-630 458
7D T 66 09 HC$ 1.00 MF$ 0.50

ASC-403
AD-448 247
14C U 41 10 HC$ 6.60

ASD TDR-63-316-VOL-8
AD-630 894
9E T 66 10 HC$ 5.00 MF$ 1.00

ASD-2905
AD-630 889
13K T 66 10 HC$ 4.00 MF$ 1.00

ATD-65-114
AD-630 450
20D T 66 09 HC$ 3.00 MF$ 0.75

ATD-65-115
AD-630 360
18I T 66 09 HC$ 2.00 MF$ 0.50

ATD-65-116
AD-629 780
19A T 66 09 HC$ 1.00 MF$ 0.50

ATD-66-22
AD-630 802
15B T 66 10 HC$ 3.00 MF$ 0.75

ATD-66-27
AD-630 168
20D T 66 09 HC$ 1.00 MF$ 0.50

ATD-66-3
AD-630 325
5A T 66 09 HC$ 2.00 MF$ 0.50

ATD-66-8
AD-630 764
21A T 66 10 HC$ 1.00 MF$ 0.50

ATD-66-9
AD-629 768
7D T 66 09 HC$ 4.00 MF$ 0.75

ATI 89 721
PB-169 428
1A U 41 09 HC$ 3.60 MF$ 0.50

ATL-D-1306
N66-12929
11F U 41 09 HC$ 3.00 MF$ 0.75

ATN-64(7060)-1
PB-169 323
17B U 41 10 HC$11.60 MF$ 0.75

ATR-65(7060)-6
PB-169 429
4B U 41 09 HC$ 8.60 MF$ 0.75

AWS TR-186
AD-630 289
4B T 66 09 HC$ 2.00 MF$ 0.50

AWTR 15
PB-169 383
13B U 41 10 HC$ 2.00 MF$ 0.50

A-678-10
AD-630 895
20N T 66 10 HC$ 6.60 MF$ 0.75

A65-11
AD-630 814
11F T 66 10

A66-2
AD-630 759
20K T 66 10

A66-3
AD-630 760
20K T 66 10

BERKELEY REPRINT-225
AD-630 235
3B T 66 09

BERKELEY REPRINT-239
AD-630 234
3B T 66 09

BHC-533-099-025
AD-630 927
1B T 66 10 HC$10.60 MF$ 0.75

BMI-NLVP-FTR-65-1
N66-13087
22C U 41 09 HC$ 2.00 MF$ 0.50

BMI-1742(DEL.)
18J U 41 10 HC$ 0.75 MF$ 0.50

BMI-1745
18J U 41 10 HC$ 0.75 MF$ 0.50

BNL-7767
6A U 41 09 HC$ 2.00 MF$ 0.50

BNWL-113-10 VOL. 5 NO. 10
18J U 41 09 HC$ 3.00 MF$ 0.75

BNWL-113-11
18J U 41 09 HC$ 2.00 MF$ 0.50

BNWL-122
6R U 41 09 HC$ 6.00 MF$ 1.25

BNWL-166
11F U 41 09 HC$ 3.00 MF$ 0.75

BNWL-34
18J U 41 09 HC$ 2.00 MF$ 0.50

BNWL-37
11F U 41 09 HC$ 6.00 MF$ 1.25

BN-432
AD-630 677
20I T 66 10 HC$ 2.60 MF$ 0.50

BN-437
AD-629 888
20M T 66 09 HC$ 2.00 MF$ 0.50

BRL-MR-1597
AD-453 850
1A U 41 10 HC$ 2.00

BRL-MR-1700
AD-629 922
4A T 66 09 HC$ 2.60 MF$ 0.50

BRL-MR-1701
AD-630 063
9A T 66 09 HC$ 2.60 MF$ 0.50

BRL-MR-1702
AD-630 766
8B T 66 10 HC$ 1.60 MF$ 0.50

BRL-MR-1709
AD-630 329
20D T 66 09 HC$ 3.60 MF$ 0.50

BRL-1301
AD-630 064
9A T 66 09 HC$ 2.60 MF$ 0.50

BRL-1304
AD-630 065
14B T 66 09 HC$ 4.60 MF$ 0.50

BR-2249
AD-414 902 15C U 41 10 HC$ 2.60
BSR-1134
N66-13009 22A U 41 09 HC$ 2.00 MF$ 0.50
BSR-4979
AD-631 039 20E T 66 10 HC$ 1.00 MF$ 0.50
BSR-903
N66-13451 22A U 41 10 HC$ 4.00 MF$ 1.00
N66-13475 22A U 41 10 HC$ 5.00 MF$ 1.00
BULL-31
PB-169 466 13B U 41 10 HC$ 5.60 MF$ 0.75
CAL-AD-1689-A-5
N66-13167 21I U 41 09 HC$ 2.00 MF$ 0.50
CAL-AG-1634-V-9
AD-630 005 13J T 66 09 HC$ 4.00 MF$ 1.00
CAL-BB-1994-S-1
AD-629 782 20D T 66 09 HC$ 9.60 MF$ 0.75
CAL-BB-1994-S-2
AD-629 783 20D T 66 09 HC$ 8.60 MF$ 0.75
CAL-VE-1931-D-3
AD-630 882 14E T 66 10 HC$ 2.00 MF$ 0.50
CAL-VE-2027-D-3
AD-630 882 14E T 66 10 HC$ 2.00 MF$ 0.50
CCL-194
AD-630 416 21D T 66 09 HC$ 1.00 MF$ 0.50
CDS-1-66
AD-630 296 4B T 66 09 HC$ 1.10 MF$ 0.50
CEA-R-2586
EURAEC-1095 11F U 41 09 HC$ 4.00 MF$ 0.75
CEA-R-2703
PB-169 235 7B U 41 10 HC$ 3.00 MF$ 0.75
CEA-R-2806
PB-169 233 7D U 41 09 HC$ 3.00 MF$ 0.75
CEA-R-2835
PB-169 355 7B U 41 09 HC$ 6.60 MF$ 0.75
CEA-R-2858
PB-169 157 7E U 41 09 HC$ 3.00 MF$ 0.75
CEA-R-2863
PB-169 159 7B U 41 09 HC$ 2.00 MF$ 0.50
CF-1327
AD-630 830 21B T 66 10 HC$ 1.60 MF$ 0.50
CF-1328
AD-630 831 21B T 66 10 HC$ 1.60 MF$ 0.50
CF-1350
AD-630 829 21B T 66 10 HC$ 1.60 MF$ 0.50
CF-1409
AD-630 832 21B T 66 10 HC$ 2.60 MF$ 0.50
CHE-12-64
TID-21383 7E U 41 09 HC$ 6.00 MF$ 1.50
CM-936
AD-630 025 6P T 66 09 HC$ 7.60 MF$ 0.75
CNIE-PE-7
AD-630 805 4A T 66 10 HC$ .60 MF$ 0.75
CNLM-5942 11B U 41 09 HC$ 2.00 MF$ 0.50
CNLM-5977 18D U 41 09 HC$ 1.00 MF$ 0.50
CONF-64-168-4
CONF-640909-10 6H U 41 09 HC$ 2.00 MF$ 0.50
CONF-640810 21F U 41 09 HC$ 2.25 MF$ 1.25
CONF-640909-10 6H U 41 09 HC$ 2.00 MF$ 0.50
CONF-650609-1
ORNL-P-1212 6A U 41 09 HC$ 2.00 MF$ 0.50
CONF-813-1 6R U 41 09 HC$ 2.00 MF$ 0.50
CONTRIBUTION-112
AD-630 955 8G T 66 10
CONTRIBUTION-124
AD-630 956 8L T 66 10
CONTRIB-65-4
AD-630 023 8G T 66 09
CONTRIB-65-5
AD-630 027 8F T 66 09
CONTRIB-65-7
AD-630 028 8F T 66 09
CONTRIB-65-8
AD-630 031 8H T 66 09
COO-119-231 6R U 41 09 HC$ 5.00 MF$ 1.00
COO-1402-1 18J U 41 09 HC$ 3.00 MF$ 0.75
COO-1402-2 18J U 41 09 HC$ 3.00 MF$ 0.75
COO-652-9 18L U 41 09 HC$ 1.00 MF$ 0.50
CRDLR-3324
AD-630 117 4A T 66 09 HC$ 2.00 MF$ 0.50
CRREL RR-111-PT-2
AD-630 603 20F T 66 10 HC$ 3.00 MF$ 0.50
CRREL RR-139
AD-630 902 14B T 66 10 HC$ 3.00 MF$ 0.75
CRREL-RR-183
AD-630 978 8L T 66 10 HC$ 1.00 MF$ 0.50
CRREL-RR-184
AD-631 000 8L T 66 10 HC$ 1.00 MF$ 0.50
CR-65-419-21-VOL-1
AD-630 254 15C T 66 09 HC$ 3.60 MF$ 0.50
CR-82
N66-13351 20H U 41 10 HC$ 5.00 MF$ 1.00
CS-34
AD-630 998 12A T 66 10 HC$ 2.60 MF$ 0.50
CU-1-66-NONR4259(16)-EE
AD-630 184 20F T 66 09
CU-4-65
AD-467 176 8L U 41 10 HC$ 6.60 MF$ 0.75
C-28
AD-463 034 11B U 41 10 HC$ 1.00
C-910092-3
N66-13099 18J U 41 09 HC$ 1.00 MF$ 0.50
C13.10-260-9 18H U 41 10 MF$ 0.50
C13.44-87 7C U 41 09 MF$ 0.75
C13.46:18-18 4A U 41 10 MF$ 0.75
C13.46:219 20N U 41 10 MF$ 0.75
C13.46:226 4A U 41 10 MF$ 0.50
C13.46:247 9A U 41 10 MF$ 0.75
C13.46:248 7E U 41 09 MF$ 0.75
C13.46:256 20I U 41 10 MF$ 0.50
C/OM-14
AD-630 909 11J T 66 10 HC$ 2.00 MF$ 0.50
C/OM-18
AD-630 913 11I T 66 10 HC$ 2.00 MF$ 0.50
DASA 1437
AD-431 334 7D U 41 10 HC$ 8.60
DASA 1700
AD-631 170 20N T 66 10 HC$ 3.00 MF$ 0.75
DASA 1704
AD-630 866 18D T 66 10 HC$17.60 MF$ 1.00
DASA 1721
AD-630 292 15F T 66 09 HC$ 2.60 MF$ 0.50
DASS-65-2
N66-13566 4A U 41 09 HC$ 3.00 MF$ 0.75
DCBRL-463
AD-629 760 7C T 66 09
DCBRL-477
AD-630 791 6O T 66 10
DF-1117
PB-169 638 11L U 41 10 HC$ 1.00 MF$ 0.50
DOC-635D801
N66-13403 22B U 41 10 HC$ 8.66 MF$ 2.75
DP-958 18K U 41 09 HC$ 6.00 MF$ 1.25
DRL-219
AD-630 830 21B T 66 10 HC$ 1.60 MF$ 0.50
DRL-220
AD-630 831 21B T 66 10 HC$ 1.60 MF$ 0.50
DRL-227
AD-630 829 21B T 66 10 HC$ 1.60 MF$ 0.50
DRL-241
AD-630 832 21B T 66 10 HC$ 2.60 MF$ 0.50
DRML-RP-542
AD-630 492 14B T 66 09
DSR-4632
AD-630 430 13J T 66 09 HC$ 3.00 MF$ 0.75
DSR-5393-3
AD-630 790 13G T 66 10 HC$10.60 MF$ 0.75
DSR-8734-6
AD-630 295 20D T 66 09 HC$ 6.00 MF$ 1.25
DTMB 1244
AD-630 683 13J T 66 10 HC$ 4.60 MF$ 0.50
DTMB 1415
AD-631 190 12A T 66 10 HC$ 4.60 MF$ 0.50
DTMB 1823
AD-630 318 11D T 66 09 HC$ 2.00 MF$ 0.50
DTMB 1840
AD-467 044 13J U 41 09 HC$ 2.00 MF$ 0.50
DTMB 1944-SUPPL
AD-630 319 13J T 66 09 HC$ 1.00 MF$ 0.50
DTMB 1984
AD-630 115 14B T 66 09 HC$ 1.00 MF$ 0.50
DTMB 2004,
AD-466 621 1C U 41 09 HC$ 2.00 MF$ 0.50
DTMB 2013
AD-630 745 12A T 66 10 HC$ 2.60 MF$ 0.50
DTMB 2125
AD-630 245 9B T 66 09 HC$ 5.60 MF$ 0.50
DTMB 2149
AD-629 872 13J T 66 09 HC$ 3.00 MF$ 0.75
DTMB 2152
AD-631 148 13J T 66 10 HC$ 2.60 MF$ 0.50
DTMB 2159
AD-630 305 20D T 66 09
DTMB 982
AD-630 684 20A T 66 10 HC$ 4.60 MF$ 0.50
DTMB-2116
AD-629 917 14B T 66 09 HC$ 3.00 MF$ 0.50
D-910091-5
N66-13835 20D U 41 09 HC$ 2.00 MF$ 0.50
D-910091-7
N66-13828 20D U 41 09 HC$ 2.00 MF$ 0.50
D-910092-6
N66-13827 20M U 41 09 HC$ 3.00 MF$ 0.75
D-910373-1
N66-15069 20B U 41 10 HC$ 1.00 MF$ 0.50
D1-82-0470
AD-629 882 3A T 66 09 HC$ 3.00 MF$ 0.75
D1-82-0480
AD-630 017 7D T 66 09 HC$ 2.00 MF$ 0.50
D1-82-0497
AD-629 873 12A T 66 09 HC$ 2.00 MF$ 0.50
D2-20150-1
N66-13404 13H U 41 10 HC$ 1.00 MF$ 0.50
ECOM TR-01279-1
AD-629 904 20N T 66 09 HC$ 4.60 MF$ 0.50
ECOM TR-01541-1
AD-630 835 9A T 66 10 HC$ 2.60 MF$ 0.50
ECOM TR-01541-2
AD-630 836 9A T 66 10 HC$ 3.60 MF$ 0.50
ECOM 00150-F
AD-630 690 9A T 66 10 HC$ 3.00 MF$ 0.75
AD-630 690 9A T 66 10 HC$ 3.00 MF$ 0.75
ECOM 01232-2
AD-630 562 17B T 66 10 HC$11.60 MF$ 0.75
ECOM 01313-2
AD-629 948 9A T 66 09 HC$ 2.00 MF$ 0.50
ECOM 01394-2
AD-630 691 10C T 66 10 HC$ 9.60 MF$ 0.75
ECOM 01420-1
AD-630 344 9A T 66 09 HC$ 6.60 MF$ 0.75
ECOM 01420-2
AD-630 394 9A T 66 09 HC$ 9.60 MF$ 0.75
ECOM 01630-1
AD-631 027 9A T 66 10 HC$ 2.00 MF$ 0.50
ECOM 02267-6
AD-465 668 9A U 41 10 HC$ 3.60 MF$ 0.50
ECOM 02294-10
AD-630 895 20N T 66 10 HC$ 6.60 MF$ 0.75
ECOM 02324-8
AD-631 034 9A T 66 10 HC$ 2.00 MF$ 0.50
ECOM 2656
AD-630 250 9A T 66 09 HC$ 9.60 MF$ 0.75

ECOM 2673
AD-631 163 9C T 66 10 HC$ 1.60 MF$ 0.50
ECOM 2675
AD-631 053 9A T 66 10 HC$ 2.00 MF$ 0.50
ECOM 2678
AD-631 164 9C T 66 10 HC$ 1.60 MF$ 0.50
ECOM 2679
AD-631 054 9A T 66 10 HC$ 1.00 MF$ 0.50
ECOM 5028
AD-630 813 4B T 66 10 HC$ 1.00 MF$ 0.50
ECOM-2667
AD-630 341 20C T 66 09 HC$ 1.60 MF$ 0.50
ECOM-2669
AD-630 598 9A T 66 10 HC$ 1.60 MF$ 0.50
ECOM-2671
AD-630 192 20N T 66 09 HC$ 4.60 MF$ 0.50
EDL-M690
AD-449 379 17C U 41 09 HC$ 5.60
EDL-M859
AD-629 889 9F T 66 09 HC$ 2.00 MF$ 0.50
EDL-M868
AD-629 930 9A T 66 09 HC$ 2.00 MF$ 0.50
EDL-M889
AD-629 890 9A T 66 09 HC$ 2.00 MF$ 0.50
EDR-2277
AD-630 703 20I T 66 10 HC$ 3.60 MF$ 0.50
EDS-4110-QL-5
N66-13128 10A U 41 09 HC$ 2.00 MF$ 0.50
EFINS-65-86
N66-13011 20H U 41 09 HC$ 1.00 MF$ 0.50
EMM-65-14
AD-631 119 20L T 66 10 HC$ 2.00 MF$ 0.50
EMM-65-16
AD-631 102 20L T 66 10 HC$ 1.00 MF$ 0.50
EMM-65-17
AD-631 059 4B T 66 10 HC$ 1.00 MF$ 0.50
EMM-65-26
AD-631 116 4B T 66 10 HC$ 1.00 MF$ 0.50
EMM-65-28
AD-631 061 4A T 66 10 HC$ 2.00 MF$ 0.50
EMM-65-36
AD-631 118 4B T 66 10 HC$ 1.00 MF$ 0.50
EMM-65-37
AD-631 117 4B T 66 10 HC$ 1.00 MF$ 0.50
EMM-65-41
AD-631 060 4B T 66 10 HC$ 1.00 MF$ 0.50
EMM-65-42
AD-631 058 4B T 66 10 HC$ 2.00 MF$ 0.50
EMM-65-50(A)
AD-631 031 4B T 66 10 HC$ 1.10 MF$ 0.50
EMM-65-6
AD-631 062 8N T 66 10 HC$ 1.00 MF$ 0.50
EMM-65-7
AD-631 120 8N T 66 10 HC$ 1.00 MF$ 0.50
EMM-65-8
AD-631 063 20N T 66 10 HC$ 1.00 MF$ 0.50
EM-65-10-1
N66-13604 20D U 41 09 HC$ 1.00 MF$ 0.50
ENGINEERING BULL-8
PB-169 611 20K U 41 10 HC$ 5.60 MF$ 0.50
ENGINEERING-11494
AD-630 880 5H T 66 10 HC$ 6.60 MF$ 0.75
ENGINEERING-11494-2
AD-630 881 5H T 66 10 HC$ 7.60 MF$ 0.75
EPS-65-2
N66-15068 3B U 41 10 HC$ 4.00 MF$ 0.75
ERDA-143
AD-444 416 4B U 41 10 HC$ 3.60
ERDL 998T-1
AD-629 762 10B T 66 09 HC$ 3.00 MF$ 0.75
ERL-65-21
AD-476 149 20E U 41 10 HC$ 5.60 MF$ 0.50
ERL-65-24
AD-630 128 20N T 66 09 HC$12.60 MF$ 1.00
ER-SB-1844
N66-13375 5A U 41 10 HC$ 3.00 MF$ 0.75
ER-5997
N66-13635 20H U 41 09 HC$ 5.00 MF$ 1.25
ER-7823
N66-13849 13A U 41 09 HC$ 4.00 MF$ 1.00
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AD-630 096 12A T 66 09
ESD TDR-63-546,
AD-630 333 5J T 66 09 HC$ 2.00 MF$ 0.50
ESD TDR-65-232
AD-630 243 17B T 66 09 HC$ 3.00 MF$ 0.75
ESD TDR-65-306
AD-630 194 20L T 66 09 HC$ 3.00 MF$ 0.50
ESD TDR-65-458
AD-630 702 17B T 66 10 HC$ 3.00 MF$ 0.75
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AD-629 923 17I T 66 09 HC$ 4.00 MF$ 0.75
ESD TDR-65-597
AD-630 559 17J T 66 10 HC$ 3.00 MF$ 0.75
ESD TDR-66-150
AD-631 168 17B T 66 10
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AD-631 167 20A T 66 10
ESD TDR-66-154
AD-631 106 17I T 66 10 HC$ 5.00 MF$ 1.00
ESD TDR-66-21
AD-629 936 17I T 66 09 HC$14.60 MF$ 1.00
ESD TDR-66-22
AD-629 968 12A T 66 09 HC$ 1.60 MF$ 0.50
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AD-630 364 20L T 66 09
ESD TDR-66-27
AD-630 366 14B T 66 09
ESD TDR-66-28
AD-631 165 3C T 66 10
ESD TDR-66-31
AD-630 918 5A T 66 10 HC$ 6.60 MF$ 0.75
ESD TDR-66-35
AD-630 368 3B T 66 09
ESD TDR-66-37
AD-630 370 7D T 66 09
ESD TDR-66-38
AD-630 372 20L T 66 09
ESD TDR-66-39
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AD-630 374 9D T 66 09
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AD-630 193 17I T 66 09 HC$18.50 MF$ 1.00
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AD-631 166 9E T 66 10
ESD TE-66-137
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EURAEC-1280 13H U 41 09 HC$ 1.00 MF$ 0.50
EURAEC-1282 11F U 41 09 HC$ 1.00 MF$ 0.50
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E-920333-2
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E37-66
AD-630 920 21H T 66 10 HC$ 5.60 MF$ 0.50
E6016
AD-630 460 4B T 66 09 HC$ 7.00 MF$ 1.50
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AD-630 919 19E T 66 10 HC$ 2.60 MF$ 0.50
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AD-630 242 19B T 66 09 HC$ 3.60 MF$ 0.50
FA R-1800
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FPL-48
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FPL-49
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FPL-51
PB-169 089 13H U 41 10 HC$ 3.00 MF$ 0.50
FRBC MANUSCRIPT (O/L)-201
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FR-66-17-105
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FR-66-17-106
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FSTC-HT-23-10-66
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FSTC-HT-23-16-66
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FSTC-381-T65-667

AD-630 930 20C T 66 10 HC$ 2.00 MF$ 0.50
FS66-1
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FTAS/TR-65-4
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FTD-MT-64-450
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AD-630 264 9C T 66 09 HC$ 1.60 MF$ 0.50
F-82254
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GARD-1268-48
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GASL-TR-527
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GASL-TR-531
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GA-6738
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GA/ME/62-8
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GCA-TR-65-25-N
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GD/C-DDF-65-005
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GEMP-53A 11F U 41 10 HC$ 3.00 MF$ 0.75
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GLR-43
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GLR-44
AD-630 303 6P T 66 09 HC$ 1.60 MF$ 0.50
GRE/MATH/64-3
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GRE/MATH/65-5
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GRE/MATH/65-9
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GRR-65-1089-III
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G-16
AD-629 893 9A T 66 09 HC$ 4.00 MF$ 0.75
HASL-166 18H U 41 09 HC$ 2.50 MF$ 0.75
HEPL-401
AD-631 175 18D T 66 10 HC$ 1.60 MF$ 0.50
HEPL-423
AD-630 624 20H T 66 10 HC$25.60 MF$ 1.25
HEPL-429
AD-631 184 20H T 66 10 HC$ 1.60 MF$ 0.50
HEPL-430
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HIG-64-11
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HIG-65-17
AD-629 857 8K T 66 09 HC$ 2.00 MF$ 0.50
HI-518-RR/A1
AD-629 887 6F T 66 09 HC$ 9.60 MF$ 0.75
HPR-10
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HPR-12
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HRC-66-1
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HSER-3117
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HSR-RR-66/65K
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IBM-65-521-05
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IDA/HQ-63-2014
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IDA/HQ-65-4208
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IDA/HQ-66-4568
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IDO-17131 18M U 41 10 HC$ 1.00 MF$ 0.50
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IMM-NYU-346
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IMM-347
AD-631 121 20D T 66 10 HC$ 5.60 MF$ 0.50
IRG DOCUMENT-109-62
AD-466 651 4A U 41 10 HC$28.20 MF$ 1.50
IRIG DOCUMENT-109-62
AD-467 545 4B U 41 10 HC$18.40 MF$ 1.00
IRL-1035
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ITP-207
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I-82254-1
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I-8277A
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AD-631 089 15G T 66 10 MF$ 0.50
I-8711
AD-629 911 6E T 66 09 HC$ 4.00 MF$ 1.00
I-98
AD-630 936 13J T 66 10 HC$ 1.00 MF$ 0.50
JA-2451A
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JA-2520
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JA-2565
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JA-2572
AD-631 166 9E T 66 10
JA-2580
AD-630 370 7D T 66 09
JA-2599
AD-630 372 20L T 66 09
JA-2642
AD-630 373 20E T 66 09
JA-2650
AD-630 374 9D T 66 09
JA-2663
AD-631 165 3C T 66 10
JA-2664
AD-631 168 17B T 66 10
JA-2694
AD-631 167 20A T 66 10
JG-10
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JPL-SPS-37-35
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JPL-TR-32-842
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KY-L-379 7A U 41 09 HC$ 1.00 MF$ 0.50
K-1649 18J U 41 10 HC$ 4.00 MF$ 0.75
LAS-SR-224-12
AD-406 875 J20C U 41 10 HC$ 2.60
LA-3406 18K U 41 09 HC$ 2.00 MF$ 0.50
LGO-858
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LG1530-1-1
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LMSC-A730586
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LMSC-M-77-65-4
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LMSD-48361
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LN-285-65
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LRC-65-NSF-25
PB-169 317 5G U 41 10 HC$10.60 MF$ 0.75
LRC-65-WD-2
PB-169 468 5G U 41 10 HC$13.60 MF$ 1.00
LR-18996
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LR-19480
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LT-65-102
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MATHEMATICAL NOTE-442
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MEL 131-66
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MEL 37/66
AD-629 785 20K T 66 09 HC$ 2.00 MF$ 0.50
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MEL-116/65
AD-630 869 13K T 66 10 HC$ 2.00 MF$ 0.50
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AD-631 153 11F T 66 10 HC$ 1.60 MF$ 0.50
MEL-98/66
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ME-3-62-3
TID-21379 11A U 41 09 HC$ 4.00 MF$ 0.75
MIMEOGRAPH SERIES-66
AD-630 663 12A T 66 10 HC$ 1.00
MIMEOGRAPH SER-62
AD-630 837 12A T 66 10 HC$ 4.60 MF$ 0.50
MISCELLANEOUS PAPER-1-66
AD-629 978 8J T 66 09 HC$ 2.00 MF$ 0.50
MISCELLANEOUS PAPER-3-798
AD-630 561 1E T 66 10 MF$ 0.50
MISCELLANEOUS PAPER-4-767
AD-630 804 8L T 66 10 MF$ 0.50
MISCELLANEOUS PAPER-6-716
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MISCELLANEOUS PAPER-6-779
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MISCELLANEOUS PUB-3
AD-630 175 6M T 66 09 HC$ 4.00 MF$ 1.00
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PB-169 178 16D U 41 09 HC$ 4.00 MF$ 1.00
ML TDR-64-159
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MLM-1315 18F U 41 09 HC$ 1.00 MF$ 0.50
ML-1417
AD-630 968 20E T 66 10
MPR-63-120
N66-15065 7D U 41 10 HC$ 1.00 MF$ 0.50
MRB-300907
AD-629 886 7E T 66 09 HC$ 2.60 MF$ 0.50
MRC-TSR-578
AD-630 525 12A T 66 10 HC$ 1.00 MF$ 0.50
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MRC-TSR-584
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MRC-TSR-585
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MRC-TSR-586
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MRC-TSR-595
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MRC-TSR-596
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AD-630 749 12A T 66 10 HC$ 1.10 MF$ 0.50
MRC-TSR-620
AD-630 750 14B T 66 10 HC$ 1.00 MF$ 0.50
MRC-TSR-621
AD-630 751 12A T 66 10 HC$ 3.60 MF$ 0.50
MRC-TSR-623
AD-630 752 12A T 66 10 HC$ 1.10 MF$ 0.50
MRC-TSR-624
AD-630 753 12A T 66 10 HC$ 1.60 MF$ 0.50
MRC-TSR-628
AD-630 754 6C T 66 10 HC$ 2.60 MF$ 0.50
MRC-TSR-635
AD-630 755 12A T 66 10 HC$ 1.00 MF$ 0.50
MRC-TSR-637
AD-630 756 12A T 66 10 HC$ 3.00 MF$ 0.75
MRD-1242-2530
AD-445 002 6K U 41 10 HC$ 7.60
MR-1686
AD-630 891 7E T 66 10 HC$ 2.00 MF$ 0.50
MSU-RM-149
AD-631 057 12B T 66 10 HC$ 1.60 MF$ 0.50
MS-3531-102-66U
AD-629 903 11F T 66 09 HC$14.90 MF$ 1.00
MTI-66TR18
AD-630 204 13H T 66 09 HC$ 3.00 MF$ 0.75
M-62
AD-630 244 20D T 66 09 HC$ 4.60 MF$ 0.50
M20-8U13
PB-169 477 5G U 41 09 HC$13.60 MF$ 1.00
M/R-226118-1
PB-169 516 13B U 41 10 HC$ 3.00 MF$ 0.75
NAA-SR-11160 18I U 41 09 HC$ 2.00 MF$ 0.50
NAA-SR-11191 11F U 41 09 HC$ 2.00 MF$ 0.50
NAA-SR-11231 9B U 41 10 HC$ 3.00 MF$ 0.75
NAA-SR-11326 11F U 41 09 HC$ 2.00 MF$ 0.50
NAA-SR-11586 18I U 41 09 HC$ 3.00 MF$ 0.50
NAA-SR-11642 18I U 41 09 HC$ 1.00 MF$ 0.50
NAA-SR-11704 22C U 41 09 HC$ 2.00 MF$ 0.50
NADC-AE-6608
AD-630 490 13H T 66 09 HC$ 1.00 MF$ 0.50
NADC-AM-6610
AD-631 152 17G T 66 10 HC$ 1.60 MF$ 0.50
NADC-MR-6515
AD-630 391 5J T 66 09 HC$ 1.60 MF$ 0.50
NAEC-ACEL-503
AD-410 471 6K U 41 10 HC$ 5.60
NAEC-AML-2072
AD-454 764 11F U 41 09 HC$ 5.60
NAEC-ASL-1093
AD-629 931 1B T 66 09 HC$ 6.60 MF$ 0.75
NAFI-TR-764
AD-629 946 13H T 66 09 HC$ 1.60 MF$ 0.50
NAFI-TR-793
AD-631 141 1D T 66 10 HC$ 1.60 MF$ 0.50
NAMC-ACEL-320
PB-169 221 1C U 41 09 HC$ 1.00 MF$ 0.50
NAMC-ACEL-364
PB-169 220 1C U 41 09 HC$ 1.00 MF$ 0.50
NAMI-951
AD-630 946 8S T 66 10 HC$ 3.00 MF$ 0.75
NAMI-953
AD-630 947 8S T 66 10 HC$ 1.00 MF$ 0.50
NAMRU-2-TR-229
AD-630 892 6E T 66 10
NAMRU-2-TR-230
AD-631 022 6C T 66 10
NAMU-2-TR-228
AD-630 883 6C T 66 10 HC$ 1.60 MF$ 0.50
NASA CR-338
N66-12160 1D U 41 09 HC$ 3.00 MF$ 0.75
NASA CR-339
N66-12255 9E U 41 09 HC$ 2.00 MF$ 0.50
NASA CR-340
N66-12161 20K U 41 09 HC$ 3.00 MF$ 0.50
NASA CR-345
N66-14051 22D U 41 09 HC$ 5.00 MF$ 1.00
NASA CR-346

N66-14852
NASA CR-354
N66-12533
NASA CR-355
N66-13240
NASA CR-356
N66-14709
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NASA CR-361
N66-14905
NASA CR-363
N66-14385
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N66-14906
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N66-14053
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N66-14907
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NASA CR-68192
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NASA CR-68230
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NASA CR-68375
N66-12989
NASA CR-68387
N66-13096
NASA CR-68391
N66-13097
NASA CR-68392
N66-13099

22D U 41 09 HC$ 4.00 MF$ 1.00
6F U 41 09 HC$ 2.00 MF$ 0.50
17G U 41 09 HC$ 4.00 MF$ 0.75
17G U 41 09 HC$ 7.00 MF$ 2.00
13E U 41 09 HC$ 7.00 MF$ 2.25
21H U 41 09 HC$ 2.00 MF$ 0.50
11F U 41 09 HC$ 3.00 MF$ 0.50
6M U 41 09 HC$ 3.00 MF$ 0.75
20D U 41 09 HC$ 3.00 MF$ 0.75
7D U 41 09 HC$ 3.00 MF$ 0.50
9E U 41 09 HC$ 3.00 MF$ 0.75
20L U 41 09 HC$ 2.00 MF$ 0.50
22A U 41 10 HC$ 5.00 MF$ 1.00
10B U 41 10 HC$ 5.00 MF$ 1.00
13H U 41 10 HC$ 1.00 MF$ 0.50
22B U 41 10 HC$ 8.66 MF$ 2.75
14B U 41 09 HC$ 2.00 MF$ 0.50
13H U 41 09 HC$ 1.00 MF$ 0.50
10A U 41 09 HC$ 2.00 MF$ 0.50
10C U 41 09 HC$ 3.00 MF$ 0.50
6K U 41 09 HC$ 2.00 MF$ 0.50
12A U 41 10 HC$ 1.00 MF$ 0.50
3A U 41 10 HC$ 1.00 MF$ 0.50
20L U 41 10 HC$ 3.00 MF$ 0.75
20K U 41 10 HC$ 2.00 MF$ 0.50
14B U 41 09 HC$ 4.00 MF$ 1.00
3B U 41 09 HC$ 3.00 MF$ 0.75
11C U 41 09 HC$ 1.00 MF$ 0.50
11F U 41 09 HC$ 3.00 MF$ 0.75
20L U 41 09 HC$ 2.00 MF$ 0.50
14B U 41 09 HC$ 2.00 MF$ 0.50
22B U 41 09 HC$ 3.00 MF$ 0.75
14B U 41 09 HC$ 7.48 MF$ 2.25
21I U 41 09 HC$ 3.00 MF$ 0.75
22B U 41 09 HC$ 3.00 MF$ 0.50
5E U 41 09 HC$ 5.00 MF$ 1.00
20D U 41 09 HC$ 2.00 MF$ 0.50
20H U 41 09 HC$ 2.00 MF$ 0.50
20H U 41 09 HC$ 3.00 MF$ 0.50
20H U 41 09 HC$ 1.00 MF$ 0.50
4A U 41 09 HC$ 3.00 MF$ 0.75
9B U 41 09 HC$ 3.00 MF$ 0.75
20D U 41 09 HC$ 1.00 MF$ 0.50
4A U 41 09 HC$ 1.00 MF$ 0.75
20F U 41 09 HC$ 3.00 MF$ 0.50
12A U 41 09 HC$ 1.00 MF$ 0.50
22A U 41 09 HC$ 2.00 MF$ 0.50
20H U 41 09 HC$ 1.00 MF$ 0.50
3B U 41 09 HC$ 4.00 MF$ 0.75
10A U 41 09 HC$ 2.00 MF$ 0.50
10C U 41 09 HC$ 3.00 MF$ 0.75
3A U 41 09 HC$ 2.00 MF$ 0.50
5A U 41 09 HC$ 2.00 MF$ 0.50
11D U 41 09 HC$ 1.00 MF$ 0.50
6S U 41 09 HC$ 1.00 MF$ 0.50
18J U 41 09 HC$ 1.00 MF$ 0.50

NASA CR-68395
N66-13098
NASA CR-68401
N66-13100
NASA CR-68404
N66-13077
NASA CR-68406
N66-13079
NASA CR-68407
N66-13081
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NASA CR-68414
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NASA CR-68610
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NASA CR-68611
N66-13339
NASA CR-68616
N66-13331
NASA CR-68618

20K U 41 09 HC$ 2.00 MF$ 0.50
13H U 41 09 HC$ 4.00 MF$ 1.00
22C U 41 09 HC$ 2.00 MF$ 0.50
20D U 41 09 HC$ 2.00 MF$ 0.50
3B U 41 09 HC$ 3.00 MF$ 0.75
3B U 41 09 HC$ 1.00 MF$ 0.50
22D U 41 09 HC$ 4.00 MF$ 1.00
13H U 41 09 HC$ 6.00 MF$ 1.25
6S U 41 09 HC$ 1.00 MF$ 0.50
17B U 41 09 HC$ 3.00 MF$ 0.50
6M U 41 09 HC$ 2.00 MF$ 0.50
7D U 41 09 HC$ 3.00 MF$ 0.75
20K U 41 09 HC$ 1.00 MF$ 0.50
17G U 41 09 HC$ 5.00 MF$ 1.00
22C U 41 09 HC$ 2.00 MF$ 0.50
13L U 41 09 HC$ 2.00 MF$ 0.50
7D U 41 09 HC$ 2.00 MF$ 0.50
4A U 41 09 HC$ 3.00 MF$ 0.75
9F U 41 09 HC$ 1.00 MF$ 0.50
20K U 41 09 HC$ 1.00 MF$ 0.50
21I U 41 09 HC$ 4.00 MF$ 0.75
10A U 41 09 HC$ 3.00 MF$ 0.75
9C U 41 09 HC$ 1.00 MF$ 0.50
20L U 41 09 HC$ 2.00 MF$ 0.50
20I U 41 09 HC$ 5.00 MF$ 1.00
4A U 41 09 HC$ 1.00 MF$ 0.50
20M U 41 09 HC$ 1.00 MF$ 0.50
20D U 41 09 HC$ 2.00 MF$ 0.50
14B U 41 09 HC$ 4.00 MF$ 1.00
6S U 41 09 HC$ 1.00 MF$ 0.50
9D U 41 09 HC$ 3.00 MF$ 0.75
21I U 41 09 HC$ 2.00 MF$ 0.50
10A U 41 09 HC$ 1.00 MF$ 0.50
21I U 41 09 HC$ 1.00 MF$ 0.50
3B U 41 09 HC$ 2.00 MF$ 0.50
22C U 41 09 HC$ 3.00 MF$ 0.75
3A U 41 09 HC$ 2.00 MF$ 0.50
20H U 41 09 HC$ 2.00 MF$ 0.50
4B U 41 09 HC$ 3.00 MF$ 0.50
10C U 41 09 HC$ 3.00 MF$ 0.75
20H U 41 09 HC$ 2.00 MF$ 0.50
20L U 41 09 HC$ 3.00 MF$ 0.75
22B U 41 09 HC$ 1.00 MF$ 0.50
21I U 41 09 HC$ 3.00 MF$ 0.50
20H U 41 09 HC$ 5.00 MF$ 1.25
11B U 41 09 HC$ 1.00 MF$ 0.50
7C U 41 09 HC$ 3.00 MF$ 0.75
20E U 41 10 HC$ 3.00 MF$ 0.50
3B U 41 10 HC$ 5.00 MF$ 1.00
9A U 41 10 HC$ 5.00 MF$ 1.00
5B U 41 10 HC$ 6.00 MF$ 1.25
9F U 41 10 HC$ 2.00 MF$ 0.50
20B U 41 10 HC$ 2.00 MF$ 0.50
4A U 41 10 HC$ 2.00 MF$ 0.50
5E U 41 10 HC$ 5.00 MF$ 1.00

N66-13373
NASA CR-68619
7D U 41 10 HC$ 2.00 MF$ 0.50

N66-13374
NASA CR-68620
22D U 41 10 HC$ 2.00 MF$ 0.50

N66-13375
NASA CR-68622
5A U 41 10 HC$ 3.00 MF$ 0.75

N66-13124
NASA CR-68623
21F U 41 09 HC$ 2.00 MF$ 0.50

N66-13125
NASA CR-68624
21F U 41 09 HC$ 6.00 MF$ 1.50

N66-13382
NASA CR-68625
3A U 41 10 HC$ 5.00 MF$ 1.00

N66-13475
NASA CR-68626
22A U 41 10 HC$ 5.00 MF$ 1.00

N66-13574
NASA CR-68627
22A U 41 09 HC$ 7.27 MF$ 2.25

N66-13474
NASA CR-68643
10A U 41 10 HC$ 1.00 MF$ 0.50

N66-13567
NASA CR-68644
4A U 41 09 HC$ 3.00 MF$ 0.75

N66-13566
NASA CR-68646
4A U 41 09 HC$ 3.00 MF$ 0.75

N66-13568
NASA CR-68648
10C U 41 09 HC$ 1.00 MF$ 0.50

N66-13451
NASA CR-68649
22A U 41 10 HC$ 4.00 MF$ 1.00

N66-13569
NASA CR-68651
22B U 41 09 HC$ 2.00 MF$ 0.50

N66-13559
NASA CR-68656
9D U 41 09 HC$ 3.00 MF$ 0.50

N66-13562
NASA CR-68657
20D U 41 09 HC$ 1.00 MF$ 0.50

N66-13563
NASA CR-68658
18F U 41 09 HC$ 2.00 MF$ 0.50

N66-13564
NASA CR-68659
20D U 41 09 HC$ 2.00 MF$ 0.50

N66-13560
NASA CR-68663
6S U 41 09 HC$ 1.00 MF$ 0.50

N66-13351
NASA CR-68694
20H U 41 10 HC$ 5.00 MF$ 1.00

N66-13518
NASA CR-68695
14D U 41 09 HC$ 1.00 MF$ 0.50

N66-13517
NASA CR-68697
14B U 41 09 HC$ 6.00 MF$ 1.50

N66-13519
NASA CR-68699
22B U 41 09 HC$ 3.00 MF$ 0.50

N66-13768
NASA CR-68700
22B U 41 09 HC$ 2.00 MF$ 0.50

N66-13505
NASA CR-68701
14D U 41 09 HC$ 1.00 MF$ 0.50

N66-13516
NASA CR-68703
5H U 41 09 HC$ 3.00 MF$ 0.75

N66-13573
NASA CR-68708
3C U 41 09 HC$ 2.00 MF$ 0.50

N66-13571
NASA CR-68709
4A U 41 09 HC$ 4.00 MF$ 0.75

N66-13572
NASA CR-68711
11B U 41 09 HC$ 4.00 MF$ 1.00

N66-13501
NASA CR-68729
3B U 41 09 HC$ 1.00 MF$ 0.50

N66-13553
NASA CR-68735
14B U 41 09 HC$ 1.00 MF$ 0.50

N66-13552
NASA CR-68737
11F U 41 09 HC$ 1.00 MF$ 0.50

N66-13551
NASA CR-68761
20K U 41 09 HC$ 1.00 MF$ 0.50

N66-13850
NASA CR-68764
20F U 41 09 HC$ 2.00 MF$ 0.50

N66-13841
NASA CR-68766
9F U 41 09 HC$ 2.00 MF$ 0.50

N66-13836
NASA CR-68771
20K U 41 09 HC$ 4.00 MF$ 1.00

N66-13849
NASA CR-68774
13A U 41 09 HC$ 4.00 MF$ 1.00

N66-13837
NASA CR-68777
20K U 41 09 HC$ 4.00 MF$ 1.00

N66-13831
NASA CR-68779
6D U 41 09 HC$ 7.00 MF$ 2.00

N66-13647
NASA CR-68780
20F U 41 09 HC$ 3.00 MF$ 0.50

N66-13839
NASA CR-68782
9F U 41 09 HC$ 2.00 MF$ 0.50

N66-13840
NASA CR-68784
22A U 41 09 HC$ 1.00 MF$ 0.50

N66-13838
NASA CR-68785
11I U 41 09 HC$ 3.00 MF$ 0.75

N66-13650
NASA CR-68787
20I U 41 09 HC$ 6.00 MF$ 1.50

N66-13648
NASA CR-68788
20K U 41 09 HC$ 4.00 MF$ 1.00

N66-13554
NASA CR-68792
11B U 41 09 HC$ 1.00 MF$ 0.50

N66-13555
NASA CR-68793
1A U 41 09 HC$ 1.00 MF$ 0.50

N66-13556
NASA CR-68794
22B U 41 09 HC$ 7.00 MF$ 2.00

N66-13649
NASA CR-68796
10A U 41 09 HC$ 2.00 MF$ 0.50

N66-13645
NASA CR-68799
10A U 41 09 HC$ 1.00 MF$ 0.50

N66-13646
NASA CR-68801
10A U 41 09 HC$ 3.00 MF$ 0.75

N66-13842
NASA CR-68843
22A U 41 09 HC$ 3.00 MF$ 0.50

N66-13832
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9F U 41 09 HC$ 2.00 MF$ 0.50

N66-13830
NASA CR-68845
6C U 41 09 HC$ 2.00 MF$ 0.50

N66-13829
NASA CR-68847
10A U 41 09 HC$ 5.00 MF$ 1.00

N66-13826
10A U 41 09 HC$ 1.00 MF$ 0.50

NASA CR-68858
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NASA CR-68860
N66-13834
20M U 41 09 HC$ 2.00 MF$ 0.50

NASA CR-68865
N66-13827
20M U 41 09 HC$ 3.00 MF$ 0.75

NASA CR-68866
N66-13828
20D U 41 09 HC$ 2.00 MF$ 0.50

NASA CR-68867
N66-13835
20D U 41 09 HC$ 2.00 MF$ 0.50

NASA CR-68875
N66-13968
14B U 41 09 HC$ 3.00 MF$ 0.75

NASA CR-68881
N66-13990
5H U 41 09 HC$ 1.00 MF$ 0.50

NASA CR-68891
N66-13991
7D U 41 09 HC$ 3.00 MF$ 0.50

NASA CR-69082
N66-15024
10A U 41 10 HC$ 2.00 MF$ 0.50

NASA CR-69136
N66-15067
20I U 41 10 HC$ 1.00 MF$ 0.50

NASA CR-69137
N66-15068
3B U 41 10 HC$ 4.00 MF$ 0.75

NASA CR-69138
N66-15065
7D U 41 10 HC$ 1.00 MF$ 0.50

NASA CR-69139
N66-15012
10A U 41 10 HC$ 4.00 MF$ 1.00

NASA CR-69140
N66-15017
9A U 41 10 HC$ 2.00 MF$ 0.50

NASA CR-69141
N66-15071
6F U 41 10 HC$ 1.00 MF$ 0.50

NASA CR-69142
N66-15072
20H U 41 10 HC$ 2.00 MF$ 0.50

NASA CR-69143
N66-15070
9C U 41 10 HC$ 3.00 MF$ 0.50

NASA CR-69145
N66-15069
20B U 41 10 HC$ 1.00 MF$ 0.50

NASA CR-69194
N66-14968
22A U 41 10 HC$ 4.00 MF$ 1.00

NASA CR-69196
N66-14967
17B U 41 10 HC$ 3.00 MF$ 0.75

NASA CR-69201
N66-14961
20H U 41 10 HC$ 2.00 MF$ 0.50

NASA CR-69202
N66-14962
3A U 41 10 HC$ 3.00 MF$ 0.75

NASA CR-69203
N66-14960
4A U 41 10 HC$ 2.00 MF$ 0.50

NASA CR-69205
N66-14958
20I U 41 10 HC$ 1.00 MF$ 0.50

NASA CR-69206
N66-14957
9F U 41 10 HC$ 2.00 MF$ 0.50

NASA CR-69207
N66-14956
20N U 41 10 HC$ 3.00 MF$ 0.50

NASA CR-69214
N66-15066
22D U 41 10 HC$ 6.00 MF$ 1.50

NASA CR-69215
N66-15064
14B U 41 10 HC$ 3.00 MF$ 0.75

NASA CR-69216
N66-15001
14B U 41 10 HC$ 2.00 MF$ 0.50

NASA SP-5038
N66-14159
14C U 41 09 MF$ 1.75

NASA SP-59
N66-14702
22B U 41 09 MF$ 2.00

NASA SP-63
N65-33848
3A U 41 09 HC$ 6.50 MF$ 1.25

NASA SP-78
N66-14158
22A U 41 09 MF$ 0.75

NASA TM-X-53351
N66-13126
4A U 41 09 HC$ 2.00 MF$ 0.50

NASA TM-X-53358
N66-14969
7C U 41 10 HC$ 2.00 MF$ 0.50

NASA TM-X-56996
N66-12975
17B U 41 09 HC$ 3.00 MF$ 0.50

NASA-SP-55
AD-629 980
20M T 66 09 HC$ 3.75 MF$ 2.75

NASA-SP-7011/18/
N66-14160
6S U 41 09 HC$ 1.00 MF$ 1.00

NASA-SP-88
N66-14826
22A U 41 09 MF$ 2.25

NASA-SP-9
N63-90006
22A U 41 10 HC$ 7.35 MF$ 2.00

NASA-TM-X-1193
N66-14908
11B U 41 09 HC$ 1.00 MF$ 0.50

NASA-TM-X-1194
N66-14708
21H U 41 09 HC$ 3.00 MF$ 1.00

NASA-TM-X-1202
N66-14909
20K U 41 09 HC$ 1.00 MF$ 0.50

NASA-TM-X-55023
N66-13086
4A U 41 09 HC$ 2.00 MF$ 0.50

NASA-TM-X-56068
N66-13408
20K U 41 10 HC$ 2.00 MF$ 0.50

NASA-TM-X-56756
N66-13397
20D U 41 10 HC$ 1.00 MF$ 0.50

NASA-TM-X-56928
N66-12865
3B U 41 09 HC$ 3.00 MF$ 0.75

NASA-TM-X-56960
N66-12869
22C U 41 09 HC$ 2.00 MF$ 0.50

NASA-TM-X-56997
N66-12973
22C U 41 09 HC$ 3.00 MF$ 0.50

NASA-TM-X-56999
N66-13959
22B U 41 09 HC$ 1.00 MF$ 0.50

NASA-TM-X-57034
N66-13499
7C U 41 09 HC$ 1.00 MF$ 0.50

NASA-TM-X-57035
N66-13498
20K U 41 09 HC$ 3.00 MF$ 0.75

NASA-TM-X-57037
N66-13497
7E U 41 10 HC$ 1.00 MF$ 0.50

NASA-TM-X-57051
N66-13899
6F U 41 09 HC$ 5.00 MF$ 1.00

NASA-TN-D-3054
N66-14151
5E U 41 09 HC$ 2.00 MF$ 0.50

NASA-TN-D-3059

N66-14901 22A U 41 09 HC$ 3.00 MF$ 0.50
NASA-TN-D-3084
N66-13018 22C U 41 09 HC$ 2.00 MF$ 0.50
NASA-TN-D-3089
N66-14386 20K U 41 09 HC$ 2.00 MF$ 0.50
NASA-TN-D-3094
N66-12152 20D U 41 09 HC$ 2.00 MF$ 0.50
NASA-TN-D-3102
N66-13019 20M U 41 09 HC$ 1.00 MF$ 0.50
NASA-TN-D-3124
N66-12155 9B U 41 09 HC$ 2.00 MF$ 0.50
NASA-TN-D-3128
N66-14387 3C U 41 09 HC$ 1.00 MF$ 0.50
NASA-TN-D-3132
N66-13228 14B U 41 09 HC$ 1.00 MF$ 0.50
NASA-TN-D-3133
N66-12253 20M U 41 09 HC$ 1.00 MF$ 0.50
NASA-TN-D-3138
N66-12156 20D U 41 09 HC$ 1.00 MF$ 0.50
NASA-TN-D-3140
N66-14902 22C U 41 09 HC$ 2.00 MF$ 0.50
NASA-TN-D-3149
N66-14712 11F U 41 09 HC$ 1.00 MF$ 0.50
NASA-TN-D-3159
N66-14755 1A U 41 09 HC$ 1.00 MF$ 0.50
NASA-TN-D-3168
N66-14388 3C U 41 09 HC$ 3.00 MF$ 0.75
NASA-TN-D-3174
N66-14236 17H U 41 09 HC$ 1.00 MF$ 0.50
NASA-TN-D-3175
N66-14058 22C U 41 09 HC$ 1.00 MF$ 0.50
NASA-TN-D-3179
N66-14389 20M U 41 09 HC$ 1.00 MF$ 0.50
NASA-TN-D-3180
N66-14152 20N U 41 09 HC$ 2.00 MF$ 0.50
NASA-TN-D-3181
N66-14703 22A U 41 09 HC$ 4.00 MF$ 0.75
NASA-TN-D-3182
N66-14153 20D U 41 09 HC$ 1.00 MF$ 0.50
NASA-TN-D-3183
N66-14154 20M U 41 09 HC$ 1.00 MF$ 0.50
NASA-TN-D-3184
N66-14155 22C U 41 09 HC$ 2.00 MF$ 0.50
NASA-TN-D-3185
N66-14237 20D U 41 09 HC$ 2.00 MF$ 0.50
NASA-TN-D-3187
N66-14711 4A U 41 09 HC$ 2.00 MF$ 0.50
NASA-TN-D-3190
N66-14238 11F U 41 09 HC$ 1.00 MF$ 0.50
NASA-TN-D-3191
N66-14704 22A U 41 09 HC$ 2.00 MF$ 0.50
NASA-TN-D-3193
N66-14756 1A U 41 09 HC$ 2.00 MF$ 0.50
NASA-TN-D-3194
N66-14701 21C U 41 09 HC$ 2.00 MF$ 0.50
NASA-TN-D-3195
N66-14390 20D U 41 09 HC$ 3.00 MF$ 0.50
NASA-TN-D-3196
N66-14757 11F U 41 09 HC$ 1.00 MF$ 0.50
NASA-TN-D-3197
N66-14705 18J U 41 09 HC$ 1.00 MF$ 0.50
NASA-TN-D-3198
N66-14758 11A U 41 09 HC$ 1.00 MF$ 0.50
NASA-TN-D-3199
N66-14903 20C U 41 09 HC$ 1.00 MF$ 0.50
NASA-TN-D-3204
N66-14904 5E U 41 09 HC$ 1.00 MF$ 0.50
NASA-TN-D-3205
N66-14707 11I U 41 09 HC$ 1.00 MF$ 0.50
NASA-TN-D-3206
N66-14706 11I U 41 09 HC$ 2.00 MF$ 0.50
NASA-TN-D-3207
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NASA-TN-D-3208
N66-14759 7D U 41 09 HC$ 1.00 MF$ 0.50
NASA-TN-D-3209
N66-14760 20D U 41 09 HC$ 1.00 MF$ 0.50
NASA-TN-D-3210
N66-14761 20D U 41 09 HC$ 1.00 MF$ 0.50
NASA-TN-D-3218
N66-14762 1A U 41 09 HC$ 2.00 MF$ 0.50
NASA-TN-D-3220
N66-15192 22C U 41 09 HC$ 2.00 MF$ 0.50
NASA-TR-R-226
N66-14910 22B U 41 09 HC$ 5.00 MF$ 1.00
NASA-TR-R-228
N66-15200 1C U 41 09 HC$ 2.00 MF$ 0.50
NASA-TR-R-229
N66-14713 20K U 41 09 HC$ 2.00 MF$ 0.50
NASM-943
N66-13097 6S U 41 09 HC$ 1.00 MF$ 0.50
NAVENGRXSTA-910163C
AD-630 563 11F T 66 10 HC$ 2.60 MF$ 0.50
NAVMED MF022.01.03-1002
AD-630 453 5J T 66 09 HC$ 1.00 MF$ 0.50
NAVMED MF022.01.04-8003.1
AD-631 143 6N T 66 10 HC$ 4.60 MF$ 0.50
NAVMED MF022.03.04-8002.4
AD-631 142 6E T 66 10 HC$ 2.60 MF$ 0.50
NAVMED MF022.03.07-2004-12
AD-630 892 6E T 66 10
NAVMED MR005.08-1
AD-630 323 6R T 66 09 HC$ 1.60 MF$ 0.50
NAVMED MR005.08-1200-1
AD-630 390 6R T 66 09 HC$ 2.60 MF$ 0.50
NAVMED MR005.08-1200-2
AD-630 331 6A T 66 09 HC$ 2.60 MF$ 0.50
NAVMED MR005.08-1200-4
AD-630 103 6R T 66 09 HC$ 2.60 MF$ 0.50
NAVMED MR005.08-1200-7
AD-631 144 6R T 66 10 HC$ 2.60 MF$ 0.50
NAVMED MR005.08-1200-9
AD-631 145 6A T 66 10 HC$ 1.60 MF$ 0.50
NAVMED MR005.08-5200-4
AD-468 696 6R U 41 10 HC$ 2.00 MF$ 0.50
NAVMED MR005.08-5201
AD-630 870 6R T 66 10 HC$ 2.60 MF$ 0.50
NAVMED MR005.08-5201-1
AD-630 332 6R T 66 09 HC$ 2.00 MF$ 0.50
AD-630 338 6R T 66 09 HC$ 4.60 MF$ 0.50
NAVMED MR005.08-5201-2
AD-468 979 6R U 41 10 HC$ 2.00 MF$ 0.50
NAVMED MR005.09-0046-1
AD-631 022 6C T 66 10
NAVMED MR005.09-0057.2
AD-630 883 6C T 66 10 HC$ 1.60 MF$ 0.50
NAVMED MR005.09-1200.6-1
AD-630 581 6M T 66 10
NAVMED MR005.09-1300.1
AD-631 066 6M T 66 10 HC$ 2.00 MF$ 0.50
NAVMED MR005.12-2005-1,
AD-630 842 5J T 66 10
NAVMED MR005.12-5000.2-12
AD-630 582 6E T 66 10
NAVMED MR005.13-6001-1-126
AD-630 946 6S T 66 10 HC$ 3.00 MF$ 0.75
NAVMED MR005.13-6001-1-128
AD-630 947 6S T 66 10 HC$ 1.00 MF$ 0.50
NAVMED MR005.8-1200-2
AD-468 695 6R U 41 10 HC$ 1.00 MF$ 0.50
NAVMEDMF-022.01.03-1002-10
AD-630 842 5J T 66 10
NAVORD 1235,
PB-169 428 1A U 41 09 HC$ 3.60 MF$ 0.50
NAVORD 2090,
PB-169 202 19H U 41 10 HC$ 3.00 MF$ 0.75
NAVORD 3346,
PB-169 204 19H U 41 10 HC$ 3.00 MF$ 0.75
NAVORD 5365-PT-1,
PB-169 203 16D U 41 10 HC$ 3.00 MF$ 0.50
NAVORD-6735
PB-169 641 14B U 41 10 HC$ 2.60
NAVTRADEVCEN 1341-1
AD-630 312 5I T 66 09 HC$10.60 MF$ 0.75
NAVTRADEVCEN 1491-2
AD-630 278 21D T 66 09 HC$ 7.60 MF$ 0.75
NAVTRADEVCEN 1495-1
AD-630 268 20D T 66 09 HC$12.60 MF$ 1.00
NAVTRADEVCEN 4119-1
AD-630 260 P 5I,T 66 09 HC$ 3.00 MF$ 0.75
NAVTRADEVCEN-IH-48
AD-630 275 5I T 66 09 HC$ 3.00 MF$ 0.75
NAVTRADEVCEN-IH-14
AD-445 863 6S U 41 09 HC$ 2.60
NAVWEPS 17-20AA-22
PB-169 389 9C U 41 10 HC$ 1.60 MF$ 0.50
NAVWEPS 17-20AG-88
PB-169 394 9C U 41 10 HC$ 1.60 MF$ 0.50
NAVWEPS 17-20AN-10
PB-169 365 9C U 41 10 HC$ 1.60 MF$ 0.50
NAVWEPS 17-20AW-36
PB-169 388 9C U 41 10 HC$ 2.60 MF$ 0.50
NAVWEPS 17-20AY-18
PB-169 366 9A U 41 10 HC$ 1.60 MF$ 0.50
NAVWEPS 17-20AZ-19
PB-169 391 9A U 41 10 HC$ 1.10 MF$ 0.50
NAVWEPS 17-20GN-12
PB-169 392 9A U 41 10 HC$ 1.60 MF$ 0.50
NAVWEPS 17-20GP-07
PB-169 390 9C U 41 10 HC$ 1.60 MF$ 0.50
NAVWEPS 17-20GW-05
PB-169 423 14B U 41 10 HC$ 1.60 MF$ 0.50
NAVWEPS 17-20GY-03
PB-169 422 9A U 41 10 HC$ 4.60 MF$ 0.50
NAVWEPS 8847
AD-630 653 5A T 66 10 HC$ 4.60 MF$ 0.50
NAVWEPS 8986
AD-630 456 20J T 66 09 HC$15.40 MF$ 1.00
NAVWEPS 9047
AD-630 014 9B T 66 09
NAVWEPS-17-20AA-30
PB-169 367 9A U 41 09 HC$ 1.60 MF$ 0.50
NAVWEPS-17-20AN-07
PB-169 393 9A U 41 10 HC$ 1.10 MF$ 0.50
NAVWEPS-17-20GV-07
PB-169 243 9C U 41 10 HC$ 2.00 MF$ 0.50
NAVWEPS-1720AF-31
PB-169 478 9C U 41 10 HC$ 1.60 MF$ 0.50
NA-64-574
AD-452 641 1B U 41 10 HC$ 3.00
NA-65-813
N66-13338 5B U 41 10 HC$ 6.00 MF$ 1.25
NBS HANDBOOK 100 9A U 41 10 HC$ 0.50 MF$ 0.50
NBS MISCELLANEOUS PUB-260-9
C13.10-260-9 18H U 41 10 MF$ 0.50
NBS MONOGRAPH-87
C13.44-87 7C U 41 09 MF$ 0.75
NBS-TN-18-18
C13.46:18-18 4A U 41 10 MF$ 0.75
NBS-TN-219
C13.46:219 20N U 41 10 MF$ 0.75
NBS-TN-226
C13.46:226 4A U 41 10 MF$ 0.50
NBS-TN-247
C13.46:247 9A U 41 10 MF$ 0.75
NBS-TN-248
C13.46:248 7E U 41 09 MF$ 0.75
NBS-TN-256
C13.46:256 20I U 41 10 MF$ 0.50
NBS-TN-269 14B U 41 10 HC$ 0.20 MF$ 0.50
NBS-TN-272 7D U 41 10 HC$ 0.50 MF$ 0.75
NBS-TN-279

N66-13850 20F U 41 09 HC$ 2.00 MF$ 0.50
NBS-8812
N66-13084 7D U 41 09 HC$ 2.00 MF$ 0.50
NBS-8992
N66-13373 7D U 41 10 HC$ 2.00 MF$ 0.50
NDL-SP-7
AD-446 343 7E U 41 09 HC$ 1.00
NEL-1348
AD-630 777 17B T 66 10 HC$ 3.60 MF$ 0.50
NEL-1350
AD-631 008 17G T 66 10 HC$ 2.60 MF$ 0.50
NEL-1351
AD-630 989 17B T 66 10 HC$ 2.00 MF$ 0.50
NEL-1359
AD-630 990 20N T 66 10 HC$ 5.60 MF$ 0.50
NL-1
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NL-2
AD-630 132 15E T 66 09 HC$ 2.00 MF$ 0.50
NM 001-058.05.04
AD-468 236 5J U 41 10 HC$ 1.00 MF$ 0.50
NM 001-059-06-06
AD-468 237 6E U 41 10 HC$ 2.00 MF$ 0.50
NM 001-102-502-1
AD-468 311 5J U 41 10 HC$ 1.00 MF$ 0.50
NM 001-102-502-2
AD-468 312 5J U 41 10 HC$ 1.00 MF$ 0.50
NM 001-108-100-09
AD-467 965 5J U 41 10 HC$ 1.00 MF$ 0.50
NM 001-108-100-10
AD-467 964 5J U 41 10 HC$ 1.00 MF$ 0.50
NM 001-108-100-18
AD-468 192 5I U 41 10 HC$ 1.00 MF$ 0.50
NM 12-01-11-3
AD-468 313 6S U 41 10 HC$ 1.00 MF$ 0.50
NOL TR-65-191
AD-630 434 11D T 66 09 HC$ 2.00 MF$ 0.50
NOLTR 65-50
AD-467 049 11I U 41 10 HC$ 2.00 MF$ 0.50
NOLTR 65-84,
AD-466 612 11I U 41 09 HC$ 1.00 MF$ 0.50
NOLTR 66-12
AD-630 654 18C T 66 10 HC$ 1.60 MF$ 0.50
NOLTR-64-158
AD-629 788 9B T 66 09 HC$ 4.00 MF$ 0.75
NOLTR-65-179
AD-630 451 20L T 66 09 HC$ 6.60 MF$ 0.75
NOLTR-66-14
AD-630 244 20D T 66 09 HC$ 4.60 MF$ 0.50
NOTS-TP-3953
AD-630 456 20J T 66 09 HC$15.40 MF$ 1.00
NOTS-TP-3976
AD-630 248 13H T 66 09 HC$ 1.60 MF$ 0.50
NOTS-TP-4052
AD-630 014 9B T 66 09
NOTS-1597
PB-169 203 16D U 41 10 HC$ 3.00 MF$ 0.50
NOTS-295
PB-169 428 1A U 41 09 HC$ 3.60 MF$ 0.50
NOTS-827
PB-169 202 19H U 41 10 HC$ 3.00 MF$ 0.75
NOTS-909
PB-169 204 19H U 41 10 HC$ 3.00 MF$ 0.75
NRC 8549
AD-629 771 6M T 66 09
NRC 8715
AD-629 755 6A T 66 09
NRC 8719
AD-629 758 6C T 66 09
NRC 8736
AD-629 756 22B T 66 09
NRC 8737
AD-629 757 4A T 66 09
NRC 8758
AD-629 901 7C T 66 09
NRC 8794
AD-629 753 11F T 66 09
NRC 8800
AD-629 772 7A T 66 09
NRC 8807
AD-629 900 7E T 66 09
NRC-8737
AD-629 757 4A T 66 09
NRC-8762
AD-629 754 7D T 66 09
NRL-MR-1676
AD-630 937 8J T 66 10 HC$ 4.60 MF$ 0.50
NRL-MR-1678
AD-630 833 11B T 66 10 HC$ 2.60 MF$ 0.50
NRL-MR-1679
AD-630 834 12A T 66 10 HC$ 1.00 MF$ 0.50
NRL-MR-1680
AD-630 871 11F T 66 10 HC$ 1.00 MF$ 0.50
NRL-MR-1683
AD-630 656 17G T 66 10 HC$ 4.60 MF$ 0.50
NRL-6349
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AD-631 067 7B T 66 10 HC$ 1.00 MF$ 0.50
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NRL-6375
AD-630 142 4A T 66 09 HC$ 1.00 MF$ 0.50
NRL-6398
AD-631 146 8J T 66 10 HC$ 1.00 MF$ 0.50
NSAM-936
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NSAM-945
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NTDC 58-2-4
AD-629 759 5J T 66 09
NTDC-1H-17
AD-630 246 5I T 66 09 HC$ 8.60 MF$ 0.75
NYO-1480-16 9B U 41 09 HC$ 1.00 MF$ 0.50
NYO-3399-09 20H U 41 09 HC$ 3.00 MF$ 0.50
NYO-3402-1 20C U 41 09 HC$ 1.00 MF$ 0.50
NYU-AA-65-11
AD-630 622 1C T 66 10 HC$ 2.00 MF$ 0.50
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AD-446 343 7E U 41 09 HC$ 1.00
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AD-442 413 7D U 41 10 HC$ 8.60
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AD-453 855 20L U 41 09 HC$ 4.60
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C13.46:226 4A U 41 10 MF$ 0.50
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AD-455 124 9A U 41 09 HC$ 7.60
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AD-465 120 13D U 41 10 HC$10.60 MF$ 0.75
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AD-466 612 11I U 41 09 HC$ 1.00 MF$ 0.50
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AD-460 761 6E U 41 10 HC$ 1.00
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AD-468 062 7D U 41 10 HC$ 2.60 MF$ 0.50
N65 35925
AD-467 414 20J U 41 10 HC$ 4.60 MF$ 0.50
N65-26855
AD-629 980 20M T 66 09 HC$ 3.75 MF$ 2.75
N65-33848 3A U 41 09 HC$ 6.50 MF$ 1.25
N66 10717
AD-630 567 17B T 66 10 HC$ 1.00 MF$ 0.50
N66-10879 14B U 41 09 HC$ 4.00 MF$ 1.00
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N66-13091 17G U 41 09 HC$ 5.00 MF$ 1.00
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N66-13096 11D U 41 09 HC$ 1.00 MF$ 0.50
N66-13097 6S U 41 09 HC$ 1.00 MF$ 0.50
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N66-13338 5B U 41 10 HC$ 6.00 MF$ 1.25
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PB-169 502 5I U 41 10 HC$ 3.00 MF$ 0.50
PB-169 503 8M U 41 10 HC$ 4.00 MF$ 1.00
PB-169 504 5I U 41 10 HC$ 6.00 MF$ 1.25
PB-169 505 11B U 41 10 HC$ 2.00 MF$ 0.50
PB-169 506 13B U 41 10 HC$ 4.00 MF$ 0.75
PB-169 507 13B U 41 10 HC$ 2.00 MF$ 0.50
PB-169 508 13B U 41 10 HC$ 7.00 MF$ 1.75
PB-169 509 13B U 41 10 HC$ 2.00 MF$ 0.50
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PB-169 511 13M U 41 10 HC$ 2.00 MF$ 0.50
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PB-169 513 13B U 41 10 HC$ 3.00 MF$ 0.75
PB-169 514 13B U 41 10 HC$ 2.00 MF$ 0.50
PB-169 515 13K U 41 10 HC$ 3.00 MF$ 0.75
PB-169 516 13B U 41 10 HC$ 3.00 MF$ 0.75
PB-169 517 5A U 41 10 HC$ 5.00 MF$ 1.00
PB-169 518 5A U 41 10 HC$ 4.00 MF$ 1.00
PB-169 519 5I U 41 10 HC$ 3.00 MF$ 0.75
PB-169 520 5I U 41 10 HC$ 6.00 MF$ 1.50
PB-169 521 1E U 41 10 HC$ 8.00 MF$ 2.25
PB-169 543 5B U 41 09 HC$ 6.00 MF$ 1.25
PB-169 553 13B U 41 09 HC$ 6.00
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PB-169 556 9B U 41 10 HC$ 2.00 MF$ 0.50
PB-169 559 5B U 41 10 HC$ 2.00 MF$ 0.50
PB-169 560 13F U 41 10 HC$ 1.00
PB-169 561 13F U 41 10 HC$ 3.00
PB-169 566 5C U 41 10 HC$ 3.00 MF$ 0.75
PB-169 567 5C U 41 10 HC$ 4.00 MF$ 0.75
PB-169 572 5B U 41 10 HC$ 4.00 MF$ 1.00
PB-169 576 9A U 41 10 HC$ 3.60
PB-169 577 11I U 41 10 HC$ 5.60
PB-169 579 9A U 41 10 HC$ 6.60
PB-169 594 17I U 41 10 HC$19.40
PB-169 611 20K U 41 10 HC$ 5.60 MF$ 0.50
PB-169 622 5G U 41 10 HC$ 2.60 MF$ 0.50
PB-169 625 13B U 41 10 HC$ 4.00 MF$ 1.00
PB-169 638 11L U 41 10 HC$ 1.00 MF$ 0.50
PB-169 640 18F U 41 10 HC$ 4.60
PB-169 641 14B U 41 10 HC$ 2.60
PB-169 642 9B U 41 10 HC$ 3.60
PB-169 673 9B U 41 10 HC$ 1.60 MF$ 0.50
PB-169 674 5G U 41 10 HC$ 4.60 MF$ 0.50
PB-169 706 2E U 41 10 HC$ 2.00 MF$ 0.50
PD-5536
AD-631 084 17B T 66 10 HC$ 9.60 MF$ 0.75
PE-TR-M7314
AD-403 330 20E U 41 09 HC$ 2.60
PHS PUB-999-WP-28.
PB-169 383 13B U 41 10 HC$ 2.00 MF$ 0.50
PIBAL-898
AD-630 557 20D T 66 10 HC$ 1.60 MF$ 0.50
PIBAL-911
AD-630 019 11I T 66 09 HC$ 2.00 MF$ 0.50
PIBAL-915
AD-630 523 20K T 66 10 HC$ 1.00 MF$ 0.50
PIBAL-963
AD-629 778 20D T 66 09 HC$ 1.60 MF$ 0.50
PIBMRI-1303-65
AD-630 144 20N T 66 09 HC$ 6.60 MF$ 0.75
PIFR-024
AD-630 801 14B T 66 10 HC$ 3.00 MF$ 0.75
PLASTEC-24
AD-630 987 11I T 66 10 HC$ 5.00 MF$ 1.00
PMR-TM-66-2
AD-629 976 12A T 66 09 HC$ 4.60 MF$ 0.50
PMR-TM-66-4
AD-631 181 13B T 66 10 HC$ 2.60 MF$ 0.50
PRC-D-1116
N66-13154 9F U 41 09 HC$ 1.00 MF$ 0.50
PRL-TDR-63-3
AD-403 813 5J U 41 10 HC$ 1.10
PRL-TR-65-21
AD-630 916 5I T 66 10 HC$ 1.00 MF$ 0.50
PR-7500-145
AD-630 089 5B T 66 09 HC$ 6.00 MF$ 1.50
PR-9-46
PB-169 143 21I U 41 09 HC$ 1.00 MF$ 0.50
PTB-66-3
AD-631 023 5E T 66 10 HC$ 4.00 MF$ 0.75
PUB-66-1
AD-629 937 7D T 66 09 HC$ 6.60 MF$ 0.75
P-AA-TR-0031
AD-401 914 5B U 41 10 HC$ 7.60
P-2334
AD-630 885 12B T 66 10 HC$ 1.60 MF$ 0.50
P-3257-1
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P-3293-1
AD-629 769 1B T 66 09 HC$ 2.00 MF$ 0.50
P-3301
AD-629 879 15G T 66 09 HC$ 1.60 MF$ 0.50
P-3309
AD-629 880 15G T 66 09 HC$ 3.60 MF$ 0.50
P-3316
AD-630 757 5A T 66 10 HC$ 2.00 MF$ 0.50
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AD-629 906 15E T 66 09 HC$ 1.60 MF$ 0.50
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AD-630 298 5C T 66 09 HC$ 1.10 MF$ 0.50
P-3331
AD-630 299 5D T 66 09 HC$ 1.10 MF$ 0.50
P-3335
AD-630 643 5C T 66 10 HC$ 1.10 MF$ 0.50
P-3336
AD-630 986 5C T 66 10 HC$ 2.00 MF$ 0.50
P-3343
AD-631 131 22B T 66 10 HC$ 1.10 MF$ 0.50
P-3344
AD-631 169 14A T 66 10 HC$ 2.00 MF$ 0.50
P-64-22
N66-12856 22B U 41 09 HC$ 3.00 MF$ 0.50
P/B PUB. NO. 886B
AD-630 900 17G T 66 10 HC$ 7.00 MF$ 1.75
QLR-66-3
AD-630 634 21B T 66 10 HC$ 1.00 MF$ 0.50
QMFCIAF-32-60
PB-169 438 6H U 41 10 HC$ 2.60
RAC-TP-165
AD-470 103 5B U 41 10 HC$ 3.00 MF$ 0.75
RADC TDR-63-80
AD-402 336 9E U 41 10 HC$13.60
RADC TR-60-261.
PB-169 594 17I U 41 10 HC$19.40
RADC TR-65-147
AD464 309 18H U 41 09 HC$ 4.00
RADC TR-65-211
AD-631 084 17B T 66 10 HC$ 9.60 MF$ 0.75
RADC TR-65-232-VOL-3
AD-630 465 9D T 66 09 HC$ 2.00 MF$ 0.50
RADC TR-65-238
AD-472 763 20E U 41 10 HC$ 5.00 MF$ 1.00
RADC TR-65-335-VOL-1
AD-631 180 17I T 66 10 HC$ 3.00 MF$ 0.75
RADC TR-65-377-VOL-1-SUPPL-1
AD-630 125 9B T 66 09 HC$ 9.60 MF$ 0.75
RADC TR-65-394
AD-629 766 9B T 66 09 HC$ 4.00 MF$ 1.00
RADC TR-65-475
AD-630 207 14A T 66 09 HC$ 2.00 MF$ 0.50
RADC TR-65-523
AD-630 471 6D T 66 09 HC$ 3.00 MF$ 0.50
RADC TR-65-534-VOL-1
AD-630 124 20N T 66 09 HC$ 5.00 MF$ 1.00
RADC TR-66-12
AD-629 869 20C T 66 09 HC$ 4.00 MF$ 1.00
RADC TR-66-125-VOL-1
AD-630 872 9E T 66 10 HC$ 7.60 MF$ 0.75
RADC TR-66-125-VOL-2
AD-630 873 9E T 66 10 HC$ 4.60 MF$ 0.50
RADC TR-66-20
AD-630 474 9A T 66 09 HC$ 4.60 MF$ 0.50
AD-630 484AD-630 474 9A T 66 09 HC$ 4.60 MF$ 0.50
RADC TR-66-6
AD-630 127 5B T 66 09 HC$ 6.00 MF$ 1.00
RADC TR-66-65
AD-631 083 9D T 66 10 HC$ 2.60 MF$ 0.50
RADC 65-232-VOL-1
AD-630 472 9E T 66 09 HC$ 2.00 MF$ 0.50
RADC 65-232-VOL-2
AD-630 473 17B T 66 09 HC$ 3.00 MF$ 0.50
RCA RES. REPT.-7-801-38
N66-14961 20H U 41 10 HC$ 2.00 MF$ 0.50
RC-947
AD-631 071 M 58 T 66 10 HC$ 2.00 MF$ 0.50
RDM-5065-Q4
AD-629 891 14I T 66 09 HC$ 2.60 MF$ 0.50
RD-5291-0640-VOL-2
AD-630 049 9E T 66 09 HC$ 2.00 MF$ 0.50
RD-601-580
AD-630 933 20E T 66 10 HC$ 4.60 MF$ 0.50
RD-65-115
PB-169 314 17G U 41 10 HC$ 2.00 MF$ 0.50
RD-65-17
AD-462 466 15G U 41 10 HC$11.60
REC-116528
N66-13968 14B U 41 09 HC$ 3.00 MF$ 0.75
REPRINT-205
AD-630 018 20D T 66 09
RESEARCH NOTE-23
AD-466 625 1A U 41 10 HC$ 1.00 MF$ 0.50
RESEARCH NOTE-561
AD-468 061 7D U 41 10 HC$ 3.00 MF$ 0.50
RESEARCH REPT. NO. 1
PB-169 486 13B U 41 10 HC$ 2.00 MF$ 0.50
REVIEW-1-66
AD-630 655 6C T 66 10 HC$ 3.00 MF$ 0.75
RE-213J
N66-13638 20H U 41 09 HC$ 2.00 MF$ 0.50
RE-235-PT-1
AD-475 887 19H U 41 09 HC$ 4.00 MF$ 1.00
RE-235-PT-2
AD-475 888 19H U 41 09 HC$ 3.00 MF$ 0.75
RE-244
AD-630 862 12B T 66 10 HC$ 4.60 MF$ 0.50
RFP-462 6R U 41 09 HC$ 1.00 MF$ 0.50
RFP-637 18D U 41 09 HC$ 1.00 MF$ 0.50

RFP-649 18D U 41 09 HC$ 1.00 MF$ 0.50
RFP-659 11B U 41 09 HC$ 1.00 MF$ 0.50
RFP-672 14B U 41 09 HC$ 1.00 MF$ 0.50
RIA-66-382
AD-629 972 11J T 66 09 HC$ 1.00 MF$ 0.50
RIA-66-526
AD-629 973 13H T 66 09 HC$ 1.00 MF$ 0.50
RIA-66-734
AD-629 918 11H T 66 09 HC$ 1.00 MF$ 0.50
RITU-1965-40
AD-630 549 7B T 66 10 HC$ 2.00 MF$ 0.50
RLD-2542
N66-13382 3A U 41 10 HC$ 5.00 MF$ 1.00
RME-4552(REV) 8G U 41 09 HC$ 1.00 MF$ 0.50
RM-10
AD-630 093 9E T 66 09 HC$ 3.00 MF$ 0.50
RM-11
AD-630 094 4A T 66 09 HC$ 5.60 MF$ 0.50
RM-16
AD-630 047 12B T 66 09 HC$ 1.60 MF$ 0.50
RM-3535-ISA
AD-430 881 5D U 41 10 HC$30.40
RM-3608-ASOC
AD-403 268 14A U 41 10 HC$ 1.60
RM-3660-ASOC
AD-407 323 14A U 41 10 HC$ 9.60
RM-4034-1-PR
AD-630 997 7D T 66 10 HC$ 3.00 MF$ 0.50
RM-4091-ISA
AD-442 041 5C U 41 10 HC$ 4.60
RM-4196-ARPA
AD-630 316 6P T 66 09 HC$ 5.00 MF$ 1.00
RM-4219-ISA (ABRIDGED)
AD-455 526 15G U 41 09 HC$ 7.60
RM-4317-1-NASA
N66-13518 14D U 41 09 HC$ 1.00 MF$ 0.50
RM-4752-PR
AD-630 090 12A T 66 09 HC$ 8.60 MF$ 0.75
RM-4755-PR
AD-629 920 12B T 66 09 HC$ 3.60 MF$ 0.50
RM-4759-PR
AD-629 953 12A T 66 09 HC$ 3.60 MF$ 0.50
RM-4781-PR
AD-630 271 17B T 66 09 HC$ 9.60 MF$ 0.75
RM-4782-PR
AD-630 301 17B T 66 09 HC$ 2.00 MF$ 0.50
RM-4892-PR
AD-629 919 20C T 66 09 HC$ 2.60 MF$ 0.50
RM-4896-PR
AD-630 343 12A T 66 09 HC$ 3.60 MF$ 0.50
RM-4898-ARPA
AD-630 422 17A T 66 09 HC$ 3.00 MF$ 0.75
RM-4906-PR
AD-630 121 12A T 66 09 HC$ 1.00 MF$ 0.50
RM-4915-PR
AD-630 247 12A T 66 09 HC$ 1.00 MF$ 0.50
RM-4919-PR
AD-630 300 12B T 66 09 HC$ 2.60 MF$ 0.50
RM-4942
AD-630 644 18C T 66 10 HC$ 5.60 MF$ 0.50
RM-4943-PR
AD-630 914 11B T 66 10 HC$ 2.00 MF$ 0.50
RM-4944-PR
AD-630 266 12A T 66 09 HC$ 1.00 MF$ 0.50
RM-4958-PR
AD-631 015 20F T 66 10 HC$14.60 MF$ 1.00
RM-4965-PR
AD-630 944 12A T 66 10 HC$ 3.60 MF$ 0.50
RM-4986-PR
AD-630 985 5G T 66 10 HC$ 3.00 MF$ 0.75
RM-8
AD-630 091 9E T 66 09 HC$ 7.60 MF$ 0.75
RM-9
AD-630 092 9A T 66 09 HC$ 2.60 MF$ 0.50
RM63TMP-45
AD-431 334 7D U 41 10 HC$ 8.60
RN-DR-0020
N66-13124 21F U 41 09 HC$ 2.00 MF$ 0.50
RN-Q-0036
N66-13125 21F U 41 09 HC$ 6.00 MF$ 1.50
RN-TR-66-2
AD-630 270 20D T 66 09 HC$ 3.60 MF$ 0.50
RP-P-243
AD-630 695 20A T 66 10 HC$ 5.60 MF$ 0.50
RP-P-50
AD-467 017 20A U 41 10 HC$ 4.60 MF$ 0.50
RR-1-1
AD-630 838 8H T 66 10 HC$ 2.00 MF$ 0.50
RR-1-62
AD-289 217 6S U 41 10 HC$ 2.00
RR-146
AD-630 982 8L T 66 10 HC$ 2.00 MF$ 0.50
RR-170
AD-629 977 8L T 66 09 HC$ 4.60 MF$ 0.50
RR-174
AD-630 116 8L T 66 09 HC$ 2.60 MF$ 0.50
RR-179
AD-629 875 8M T 66 09 HC$ 1.00 MF$ 0.50
RR-181
AD-630 648 8L T 66 10 HC$ 1.60 MF$ 0.50
RR-192
AD-631 150 8M T 66 10 HC$ 2.60 MF$ 0.50
RR-216
AD-468 062 7D U 41 10 HC$ 2.60 MF$ 0.50
RR-219
AD-468 149 4A U 41 09 HC$ 3.00 MF$ 0.75
RR-286
AD-629 932 20A T 66 09 HC$ 1.00 MF$ 0.50
RR-46-4
PB-169 467 13B U 41 10 HC$ 6.60 MF$ 0.75
RR-492
AD-631 083 9D T 66 10 HC$ 2.60 MF$ 0.50
RR-5-1
AD-630 839 8H T 66 10 HC$ 3.00 MF$ 0.75
RR-65-2
AD-630 786 17G T 66 10 HC$ 2.00 MF$ 0.50
RR-66-1
AD-630 783 8N T 66 10 HC$ 3.00 MF$ 0.75
RR-7-801-42
AD-630 143 20I T 66 09 HC$ 2.00 MF$ 0.50
RSIC-195
AD-462 245 20E U 41 10 HC$ 4.60
RSIC-507
AD-629 770 20B T 66 09 HC$ 2.00 MF$ 0.50
RS-485
AD-629 938 11H T 66 09 HC$ 2.60 MF$ 0.50
RTI-OU-177
AD-629 928 13M T 66 09 HC$ 1.10 MF$ 0.50
RU-66-7
AD-631 066 6M T 66 10 HC$ 2.00 MF$ 0.50
R-1051
N66-13519 22B U 41 09 HC$ 3.00 MF$ 0.50
R-159
N66-13564 20D U 41 09 HC$ 2.00 MF$ 0.50
R-161
N66-13563 18F U 41 09 HC$ 2.00 MF$ 0.50
R-164
N66-13562 20D U 41 09 HC$ 1.00 MF$ 0.50
R-281
AD-630 029 9D T 66 09 HC$ 2.60 MF$ 0.50
R-282
AD-630 030 9B T 66 09 HC$ 2.60 MF$ 0.50
R-283
AD-630 625 9B T 66 10 HC$ 2.00 MF$ 0.50
R-366
AD-457 586 11C U 41 10 HC$ 1.00
R-429A
AD-630 925 1C T 66 10 HC$ 3.00 MF$ 0.75
R-6288
N66-13164 14B U 41 09 HC$ 4.00 MF$ 1.00
R-834
AD-441 927 13J U 41 09 HC$ 4.60
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N66-13079 20D U 41 09 HC$ 2.00 MF$ 0.50
R11-460
AD-454 808 17I U 41 10 HC$ 3.60
R65-41
PB-169 505 11B U 41 10 HC$ 2.00 MF$ 0.50
R665018
AD-630 337 20D T 66 09 HC$ 4.60 MF$ 0.50
R/352
EURAEC-1273 7E U 41 09 HC$ 3.00 MF$ 0.50
SA TR-18-1099
AD-629 912 11K T 66 09 HC$ 2.00 MF$ 0.50
SAM TR-66-17
AD-631 139 6P T 66 10 HC$ 1.60 MF$ 0.50
SAM TR-66-4
AD-631 151 6S T 66 10 HC$ 3.00 MF$ 0.75
SAM-TR-64-90
AD-460 761 6E U 41 10 HC$ 1.00
SAM-TR-65-222
AD-630 476 6S T 66 09
SAM-TR-65-241
AD-630 477 5I T 66 09
SAM-TR-65-269
AD-630 478 17B T 66 09
SAM-TR-65-316
AD-630 479 6M T 66 09
SAM-TR-65-325
AD-630 480 6E T 66 09
SAM-TR-66-1
AD-630 655 6C T 66 10 HC$ 3.00 MF$ 0.75
SAO SPECIAL REPT.-188-R
N66-13573 3C U 41 09 HC$ 2.00 MF$ 0.50
SAO-191
N66-13768 22B U 41 09 HC$ 2.00 MF$ 0.50
SAO-193
N66-13840 22A U 41 09 HC$ 1.00 MF$ 0.50
SA-TR-18-1203
AD-453 994 11F U 41 09 HC$ 3.60
SCIENCE/ENGINEERING-1-A1
AD-630 983 8F T 66 10 HC$ 3.00 MF$ 0.75
SCIENTIFIC REPT. NO. 2
PB-169 469 9A U 41 10 HC$ 1.60
SCIENTIFIC-SR-225
N66-13841 9F U 41 09 HC$ 2.00 MF$ 0.50
SCIENTIFIC-1
AD-629 994 20N T 66 09 HC$ 5.60 MF$ 0.50
AD-630 112 3B T 66 09 HC$ 8.60 MF$ 0.75
AD-630 633 7D T 66 10 HC$ 1.00 MF$ 0.50
AD-630 658 3B T 66 10 HC$ 2.60 MF$ 0.50
SCIENTIFIC-12 (SERIES 3)
AD-631 040 9E T 66 10 HC$ 3.00 MF$ 0.75
SCIENTIFIC-2
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AD-630 074 20I T 66 09 HC$ 4.00 MF$ 0.75
AD-630 143 20I T 66 09 HC$ 2.00 MF$ 0.50
AD-630 543 20K T 66 10 HC$ 2.00 MF$ 0.50
SCIENTIFIC-260
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SCIENTIFIC-28
AD-630 632 20I T 66 10 HC$ 1.00 MF$ 0.50
SCIENTIFIC-3
AD-629 924 20I T 66 09 HC$ 3.00 MF$ 0.75
AD-630 560 9D T 66 10 HC$ 2.00 MF$ 0.50
AD-630 893 8G T 66 10 HC$ 5.60 MF$ 0.75
AD-631 101 20D T 66 10
SCIENTIFIC-31
AD-629 993 20N T 66 09
SCIENTIFIC-4
AD-629 925 20E T 66 09 HC$ 5.00 MF$ 1.00
AD-630 392 20K T 66 09 HC$ 3.00 MF$ 0.50

AD-636 598
AD-630 778
SCIENTIFIC-5
AD-630 111
AD-630 304
SCIENTIFIC-6
AD-629 956
AD-630 101
SCIENTIFIC-7
AD-630 255
SCIENTIFIC-9
AD-630 424
AD-630 799
SC-RR-65-557
SC-RR-65-620
SC-RR-65-629
SDL-140
AD-631 105
SDL-141
AD-630 515
SE6 TR-66-2
AD-630 664
SE6-TR-65-41
AD-630 890
SEISMIC DATA LAB-137
AD-631 052
SEISMIC DATA LAB-142
AD-630 699
SEISMIC DATA- LAB-138
AD-631 043
SEL-65-063
N66-12993
SEL-65-073
N66-13559
SER-50411
AD-630 926
SETD-NJ-2769-0202-5
AD-630 700
SFD-33-IDR-9
AD-630 597
SID-65-1021-1-VOL-1
AD-630 939
SID-65-1021-2-VOL-2
AD-630 940
SIF-66-65
N66-13569
SLAC-51
SLAC-52
SLAC-52
SLAC-52
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SM-47954
N66-14968
SM-49268
AD-630 780
SM-49372
AD-630 660
SM-51974
AD-630 182
SM-51997
AD-630 183
SN-62
N66-13648
SPECIAL REPT. NO. 170
PB-169 706
SP-1133
AD-630 148
SP-1137
AD-630 149
SP-1432
AD-630 150
SP-1646
AD-443 751
SP-1678/000/00
AD-443 774
SP-62-925-116-P5
AD-630 596
SP-862
AD-630 146
SRDE-N-47
PB-169 443
SRDS RD-65-58
PB-169 554
SRL-65-0011
AD-630 657
SRRC-RR-65-115
AD-630 428
SRRC-RR-65-51
AD-465 985
SRR-66-12
AD-630 915
SRR-66-16
AD-630 601
SRR-66-17
AD-630 604
SR-S-87
AD-469 632
SR-0395-04(08)SP
AD-449 189
SR-60-1
AD-630 761
SR-65-8
AD-630 999
SR-92
AD-631 140
SSC 169
AD-466 805
SSD-11798-65-1
N66-13100
SSD-4473R
N66-13641
SSD-66-296(571)

20F T 66 10 HC$ 2.00 MF$ 0.50
20N T 66 10
86 T 66 09 HC$ 4.00 MF$ 1.00
12B T 66 09 HC$ 1.60 MF$ 0.50
3B T 66 09 HC$ 4.00 MF$ 0.75
8K T 66 09
3B T 66 09 HC$ 1.00 MF$ 0.50
9B T 66 09 HC$ 1.00 MF$ 0.50
20D T 66 10 HC$ 2.00 MF$ 0.50
21F U 41 09 HC$ 1.00 MF$ 0.50
22B U 41 09 HC$ 6.00 MF$ 1.25
7B U 41 10 HC$ 1.00 MF$ 0.50
17A T 66 10 HC$ 2.60 MF$ 0.50
8K T 66 09 HC$ 4.00 MF$ 0.75
1D T 66 10 HC$ 5.60 MF$ 0.75
22A T 66 10 HC$14.60 MF$ 1.00
17J T 66 10 HC$ 2.00 MF$ 0.50
8G T 66 10 HC$ 4.60 MF$ 0.50
17J T 66 10 HC$ 2.00 MF$ 0.50
4A U 41 09 HC$ 1.00 MF$ 0.75
9D U 41 09 HC$ 3.00 MF$ 0.50
20K T 66 10 HC$ 3.00 MF$ 0.75
13H T 66 10 HC$ 3.00 MF$ 0.75
9E T 66 10 HC$ 4.60 MF$ 0.50
5D T 66 10 HC$ 3.00 MF$ 0.75
5D T 66 10 HC$ 6.00 MF$ 1.25
22B U 41 09 HC$ 2.00 MF$ 0.50
9B U 41 10 HC$ 2.00 MF$ 0.50
18D U 41 09 HC$ 3.00 MF$ 0.75
16D U 41 09 HC$ 3.00 MF$ 0.75
22A U 41 10 HC$ 4.00 MF$ 1.00
20D T 66 10 HC$ 5.60 MF$ 0.75
4B T 66 10 HC$14.60 MF$ 1.00
4A T 66 09 HC$ 1.00 MF$ 0.50
4A T 66 09 HC$ 1.00 MF$ 0.50
20K U 41 09 HC$ 4.00 MF$ 1.00
2E U 41 10 HC$ 2.00 MF$ 0.50
12B T 66 09 HC$ 1.00 MF$ 0.50
12B T 66 09 HC$ 1.00 MF$ 0.50
5B T 66 09 HC$ 1.00 MF$ 0.50
5B U 41 10 HC$ 1.10
5B U 41 10 HC$ 1.60
20L T 66 10 HC$ 1.10 MF$ 0.50
13B T 66 09 HC$ 1.60 MF$ 0.50
14C U 41 09 HC$ 3.60 MF$ 0.50
1E U 41 10 HC$ 6.00 MF$ 1.25
7C T 66 10
9D T 66 09 HC$ 3.00 MF$ 0.75
7E U 41 09 HC$ 3.00 MF$ 0.50
5I T 66 10 HC$ 2.60 MF$ 0.50
5I T 66 10 HC$ 1.00 MF$ 0.50
5I T 66 10 HC$12.60 MF$ 1.00
19D U 41 09 HC$ 1.00 MF$ 0.50
20C U 41 10 HC$ 2.00
5B T 66 10 HC$ 4.60 MF$ 0.50
6E T 66 10 HC$ 1.60 MF$ 0.50
8L T 66 10 HC$ 1.60 MF$ 0.50
13H U 41 10 HC$ 3.00 MF$ 0.75
13H U 41 09 HC$ 4.00 MF$ 1.00
10A U 41 09 HC$ 3.00 MF$ 0.75

AD-630 518
STB-66-24
AD-630 981
STB-66-26
AD-630 626
STEWS-ID-65-3
AD-460 727
STUDY-S-209
AD-631 026
S-283-R
AD-630 866
S-3312
AD-630 711
S-76
AD-474 031
TAB-R-4
CONF-813-1
TAC-TR-59-12
AD-442 203
TAE-42
AD-630 543
TAE-44
AD-630 392
TD-65-387
AD-630 623
TECHNICAL ADVISEMENT MEMO-106-11
N66-13154
TECHNICAL PAPER-52-8
AD-630 353
TECHNICAL PAPER-54-8
AD-630 354
TE-23-66
N66-13646
TG-230-T451
AD-630 026
TG-230-T462
AD-631 013
TG-230-T463
AD-630 824
TG-230-T464
AD-630 825
TG-230-T466
AD-631 025
TG-230-T469
AD-630 867
TG-230-T470
AD-630 868
TG-230-T471
AD-631 014
TG-331-12
AD-275 325
TG-331-15
AD-295 750
TG-331-16
AD-402 828
TG-335-15
AD-458 424
TG-371-8A
AD-476 299
TG-539
AD-630 034
TG-602
AD-447 652
TG-685
AD-453 432
TG-610-10
AD-630 827
TG-610-13
AD-630 826
TG-610-7
AD-630 330
TG-610-8
AD-630 828
TG-637
AD-463 140
TG-646
AD-459 426
TG-647
AD-462 334
TG-648
AD-462 335
TG-649
AD-459 467
TG-659
AD-462 616
TG-660
AD-466 360
TG-661
AD-462 337
TG-664
AD-462 618
TG-673
AD-466 489
TG-674
AD-466 353
TG-675
AD-468 378
TG-677
AD-466 354
TG-681
AD-630 045
TG-692
AD-471 192
TG-701
AD-468 485
TG-707
AD-470 550
TG-709
AD-467 993
TG-719
AD-631 024

5I T 66 09 HC$ 3.00 MF$ 0.50
5I T 66 10 HC$ 2.00 MF$ 0.50
5I T 66 10 HC$ 5.60 MF$ 0.75
4A U 41 09 HC$ 6.60
15C T 66 10 HC$11.60 MF$ 0.75
18D T 66 10 HC$17.60 MF$ 1.00
17B T 66 10 HC$ 3.00 MF$ 0.75
20K U 41 10 HC$10.60 MF$ 0.75
6R U 41 09 HC$ 2.00 MF$ 0.50
13L U 41 09 HC$ 5.60
20K T 66 10 HC$ 2.00 MF$ 0.50
20K T 66 09 HC$ 3.00 MF$ 0.50
17B T 66 10 HC$ 7.00 MF$ 1.50
9F U 41 09 HC$ 1.00 MF$ 0.50
20D T 66 09 HC$ 6.60 MF$ 0.75
13J T 66 09 HC$ 5.60 MF$ 0.50
10A U 41 09 HC$ 3.00 MF$ 0.75
19A T 66 09 HC$ 1.00 MF$ 0.50
20J T 66 10 HC$ 1.10 MF$ 0.50
20F T 66 10 HC$ 1.00 MF$ 0.50
21H T 66 10 HC$ 2.60 MF$ 0.50
4A T 66 10 HC$ 1.60 MF$ 0.50
20D T 66 10 HC$ 1.10 MF$ 0.50
20D T 66 10 HC$ 1.60 MF$ 0.50
8C T 66 10 HC$ 1.60 MF$ 0.50
21B U 41 10 HC$ 3.60
21B U 41 10 HC$ 3.60
20D U 41 10 HC$ 3.60
21H U 41 09 HC$ 2.00
21H U 41 10 HC$ 3.00 MF$ 0.75
22C T 66 09 HC$ 1.60 MF$ 0.50
20M U 41 10 HC$ 6.60
9B U 41 10 HC$ 4.60
21E T 66 10 HC$ 3.00 MF$ 0.75
21E T 66 10 HC$ 2.00 MF$ 0.50
21E T 66 09 HC$ 5.00 MF$ 1.00
21E T 66 10 HC$ 3.00 MF$ 0.75
17B U 41 10 HC$ 2.60
4A U 41 09 HC$ 1.60
5I U 41 10 HC$ 2.60
7D U 41 10 HC$ 8.60
4A U 41 10 HC$ 2.60
8E U 41 09 HC$ 3.60
14B U 41 10 HC$ 7.60 MF$ 0.75
21B U 41 10 HC$ 6.60
17B U 41 10 HC$ 4.60
20D U 41 10 HC$ 4.60 MF$ 0.50
20H U 41 10 HC$ 2.60 MF$ 0.50
9E U 41 10 HC$ 4.60 MF$ 0.50
20D U 41 10 HC$ 4.60 MF$ 0.50
22C T 66 09 HC$ 1.60 MF$ 0.50
16D U 41 10 HC$ 3.60 MF$ 0.50
13H U 41 10 HC$12.60 MF$ 1.00
20L U 41 10 HC$ 3.60 MF$ 0.50
22C U 41 10 HC$ 2.60 MF$ 0.50
17G T 66 10 HC$ 3.00 MF$ 0.75

TG-722
AD-630 335 12A T 66 09 HC$ 4.00 MF$ 0.75
TG-737
AD-630 070 11F T 66 09 HC$ 9.60 MF$ 0.75
TG-739
AD-630 037 20J T 66 09 HC$ 1.60 MF$ 0.50
TG-741
AD-630 038 9E T 66 09 HC$ 2.00 MF$ 0.50
TG-743
AD-630 035 20J T 66 09 HC$ 1.10 MF$ 0.50
TG-746
AD-630 040 20I T 66 09 HC$ 1.00 MF$ 0.50
TG-752
AD-630 342 20D T 66 09 HC$ 3.00 MF$ 0.75
TG-754
AD-630 046 12A T 66 09 HC$ 2.60 MF$ 0.50
TG-758
AD-630 036 22B T 66 09 HC$ 2.60 MF$ 0.50
TG-760
AD-630 039 12A T 66 09 HC$ 2.60 MF$ 0.50
THERMAL CONDUCTIVITY-1
AD-630 135 11B T 66 09 HC$ 1.00 MF$ 0.50
TID-13358 6F U 41 09 HC$ 2.50 MF$ 1.00
TID-20450 20H U 41 09 HC$ 1.00 MF$ 0.50
TID-21328 11F U 41 09 HC$ 1.00 MF$ 0.50
TID-21379 11A U 41 09 HC$ 4.00 MF$ 0.75
TID-21383 7E U 41 09 HC$ 6.00 MF$ 1.50
TID-21521 18H U 41 09 HC$ 2.00 MF$ 0.50
TID-21531 20D U 41 09 HC$ 5.00 MF$ 1.50
TID-21591 6R U 41 09 HC$ 1.00 MF$ 0.50
TID-21608 6R U 41 09 HC$ 1.00 MF$ 0.50
TID-21609 4B U 41 09 HC$ 2.00 MF$ 0.50
TID-21649 6C U 41 09 HC$ 3.00 MF$ 0.75
TID-21930 9C U 41 09 HC$ 3.00 MF$ 0.75
TID-22330 18L U 41 09 HC$ 4.00 MF$ 2.75
TID-3043(REV. 2, SUPPL. 3) 18I U 41 09 HC$ 2.00 MF$ 0.75
TID-4005 (2ND ED.) 7B U 41 09 HC$ 1.75 MF$ 1.00
TID-5360 18H U 41 09 HC$ 3.00 MF$ 0.50
TID-8541 18I U 41 09 HC$ 4.50 MF$ 2.00
TIS-R65EMH22
AD-631 180 17I T 66 10 HC$ 3.00 MF$ 0.75
TI-03-64-30
AD-443 686 9A U 41 09 HC$14.60
TM 633.2721-03
AD-629 897 20N T 66 09 HC$ 5.60 MF$ 0.50
TM-(L)-763/000/01
AD-630 151 5B T 66 09 HC$ 2.60 MF$ 0.50
TM-1-57
PB-169 311 19C U 41 10 HC$ 4.00 MF$ 1.00
TM-12
PB-169 308 13F U 41 10 HC$ 1.00 MF$ 0.50
TM-1201/000/00
AD-404 760 5B U 41 10 HC$ 2.60
TM-14
AD-630 942 12B T 66 10 HC$ 1.60 MF$ 0.50
TM-1493
AD-468 284 1A U 41 09 HC$ 5.60 MF$ 0.75
TM-1493/103/00
AD-436 528 5I U 41 10 HC$ 6.60
TM-1563/000/00
AD-425 530 9B U 41 10 HC$ 2.60
TM-1563/010/02
PB-169 556 9B U 41 10 HC$ 2.00 MF$ 0.50
TM-16
AD-630 943 12B T 66 10 HC$ 2.60 MF$ 0.50
TM-16-64
AD-463 918 5E U 41 10 HC$ 2.00
TM-17
AD-631 130 5C T 66 10 HC$ 2.00 MF$ 0.50
TM-1809
AD-436 645 5I U 41 10 HC$ 1.10
TM-1908/200/00
AD-629 789 5G T 66 09 HC$13.60 MF$ 1.00
TM-23
PB-169 309 5E U 41 10 HC$ 1.00 MF$ 0.50
TM-3
PB-169 310 19C U 41 10 HC$ 2.00 MF$ 0.50
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AD-630 096 12A T 66 09
TM-4242
AD-630 864 20C T 66 10 HC$ 1.60 MF$ 0.50
TM-50
AD-631 016 20A T 66 10 HC$ 3.00 MF$ 0.75
TM-603.2811-05
AD-630 798 20K T 66 10 HC$ 3.00 MF$ 0.50
TM-619-3111-06
AD-629 898 20K T 66 09 HC$ 4.00 MF$ 0.75
TM-630-3281-03
AD-630 408 14B T 66 09 HC$ 3.00 MF$ 0.75
TM-65-52
AD-630 166 6L T 66 09 HC$ 2.00 MF$ 0.50
TM-738/024/00
AD-630 424 9B T 66 09 HC$ 1.00 MF$ 0.50
TM-744
AD-288 276 5A U 41 10 HC$ 8.60
TM-771/001/00
AD-424 911 5B U 41 10 HC$ 3.60
TN-N-736
AD-468 687 11L U 41 10 HC$ 1.10 MF$ 0.50
TN-R-184
AD-630 294 20D T 66 09 HC$ 2.00 MF$ 0.50
TN-14
AD-630 595 12A T 66 10 HC$ 9.60 MF$ 0.75
TN-1966-10
AD-631 106 17I T 66 10 HC$ 5.00 MF$ 1.00
TN-1966-13
AD-630 193 17I T 66 09 HC$18.50 MF$ 1.00
TN-1966-6
AD-629 936 17I T 66 09 HC$14.60 MF$ 1.00
TN-1966-7
AD-629 968 12A T 66 09 HC$ 1.60 MF$ 0.50
TN-1966-9
AD-629 934 9D T 66 09 HC$ 3.60 MF$ 0.50
TN-27
AD-631 101 20D T 66 10
TN-33
AD-630 799 20D T 66 10 HC$ 2.00 MF$ 0.50
TPR-420
AD-630 248 13H T 66 09 HC$ 1.60 MF$ 0.50
TP-1
N66-13015 14B U 41 09 HC$ 2.00 MF$ 0.50
TP-241
AD-630 099 7D T 66 09
TRACOR-63-200-U
AD-415 090 9A U 41 10 HC$ 5.60
TRACOR-64-138-U
AD-437 157 7D U 41 10 HC$ 3.60 MF$ 0.75
TRANSLATION-2030
AD-630 742 21E T 66 10 HC$ 2.00 MF$ 0.50
TRANSLATION-2055
AD-629 861 13H T 66 09 HC$ 1.00 MF$ 0.50
TRANSLATION-2056
AD-629 862 11C T 66 09 HC$ 1.00 MF$ 0.50
TRANSLATION-2057
AD-629 863 11C T 66 09
TRANSLATION-2068
AD-630 285 10B T 66 09 HC$ 4.00 MF$ 0.75
TRANSLATION-2107
AD-630 283 13I T 66 09 HC$ 1.10 MF$ 0.50
TRANSLATION-2110
AD-629 864 19D T 66 09 HC$ 1.00 MF$ 0.50
TRANSLATION-2121
AD-629 865 6R T 66 09 HC$ 1.00 MF$ 0.50
TRANSLATION-2129
AD-630 744 11A T 66 10 HC$ 1.00 MF$ 0.50
TRANSLATION-306
AD-630 685 21E T 66 10 HC$ 6.60 MF$ 0.75
TRANSLATION-753
AD-630 281 15C T 66 09 HC$ 3.60 MF$ 0.50
TRANSLATION-874
AD-629 859 5J T 66 09 HC$ 1.60 MF$ 0.50
TRANSLATION-946
AD-630 418 16D T 66 09 HC$ 1.10 MF$ 0.50
TRANSLATION-949
AD-629 860 13J T 66 09 HC$ 1.60 MF$ 0.50
TRANSLATION-958
AD-630 419 13J T 66 09
TRANSLATION-979
AD-630 327 8H T 66 09 HC$ 1.00 MF$ 0.50
TRANSLATION-985
AD-630 741 8C T 66 10 HC$ 1.00 MF$ 0.50
TRANSLATION-992
AD-630 417 13J T 66 09 HC$ 1.10 MF$ 0.50
TRANS-EMM-65-48(A)
AD-631 030 4B T 66 10 HC$ 1.10 MF$ 0.50
TRANS-EMM-65-51(A)
AD-631 032 4B T 66 10 HC$ 1.00 MF$ 0.50
TRANS-102
AD-630 729 6C T 66 10 HC$ 1.10 MF$ 0.50
TRANS-106
AD-630 730 6C T 66 10 HC$ 1.10 MF$ 0.50
TRANS-1333
AD-630 736 6M T 66 10 HC$ 1.10 MF$ 0.50
TRANS-1394
AD-630 737 6M T 66 10 HC$ 1.10 MF$ 0.50
TRANS-1395
AD-630 738 6E T 66 10 HC$ 1.10 MF$ 0.50
TRANS-223
AD-630 731 6E T 66 10 HC$ 1.10 MF$ 0.50
TRANS-242
AD-631 087 8J T 66 10 HC$ 1.10 MF$ 0.50
TRANS-243
AD-631 076 8J T 66 10 HC$ 1.10 MF$ 0.50
TRANS-244
AD-631 086 8J T 66 10 HC$ 1.10 MF$ 0.50
TRANS-245
AD-630 165 13J T 66 09 HC$ 1.10 MF$ 0.50
TRANS-270
AD-630 682 20A T 66 10 HC$ 1.60 MF$ 0.50
TRANS-36
AD-630 724 6M T 66 10 HC$ 1.10 MF$ 0.50
TRANS-43
AD-630 725 6M T 66 10 HC$ 1.60 MF$ 0.50
TRANS-44
AD-630 726 6J T 66 10 HC$ 1.10 MF$ 0.50
TRANS-664
AD-630 732 6C T 66 10 HC$ 1.10 MF$ 0.50
TRANS-665
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TRANS-745
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TRANS-796
AD-630 735 6E T 66 10 HC$ 1.10 MF$ 0.50
TRANS-852
AD-630 739 13J T 66 10
TRANS-901
AD-630 740 13I T 66 10
TRANS-91
AD-630 727 6J T 66 10 HC$ 1.10 MF$ 0.50
TRANS-92
AD-630 728 6O T 66 10 HC$ 1.10 MF$ 0.50
TRANS. 2058
AD-630 743 13H T 66 10
TRN-165
AD-631 178 5I T 66 10 HC$ 2.00 MF$ 0.50
TRR-2.4.16
PB-169 426 17B U 41 09 HC$ 4.60 MF$ 0.50
TRW-ER-6661-1
N66-13114 6K U 41 09 HC$ 2.00 MF$ 0.50
TR-R-430
AD-630 637 13M T 66 10 HC$ 3.00 MF$ 0.75
TR-R-435

AD-630 587 9A T 66 10 HC$ 2.00 MF$ 0.50
TR-R-437
AD-630 201 8L T 66 09 HC$ 1.00 MF$ 0.50
TR-R-439
AD-631 002 6F T 66 10 HC$ 1.00 MF$ 0.50
TR-R-442
AD-630 697 6R T 66 10 HC$ 2.00 MF$ 0.50
TR-1
AD-466 667 20L U 41 09 HC$ 3.00 MF$ 0.75
AD-630 013 20L T 66 09 HC$ 1.00 MF$ 0.50
AD-630 486 20K T 66 09 HC$ 1.00 MF$ 0.50
TR-100
AD-630 704 20N T 66 10 HC$ 2.60 MF$ 0.50
TR-102
AD-630 003 20N T 66 09 HC$ 3.60 MF$ 0.50
TR-11
AD-630 314 5J T 66 09 HC$ 2.00 MF$ 0.50
AD-630 454 20L T 66 09 HC$ 1.00 MF$ 0.50
TR-1314
AD-630 167 7D T 66 09 HC$ 2.60 MF$ 0.50
TR-140
AD-630 487 5C T 66 09 HC$ 2.00 MF$ 0.50
TR-141
AD-630 627 5C T 66 10 HC$ 2.60 MF$ 0.50
TR-142
AD-630 666 5C T 66 10 HC$ 2.00 MF$ 0.50
TR-15-PT-H
AD-630 028 8F T 66 09
TR-16
AD-630 160 11B T 66 09
AD-630 917 7D T 66 10 HC$ 1.60 MF$ 0.50
TR-16-PT-H
AD-630 031 8H T 66 09
TR-17
AD-630 161 20L T 66 09
TR-18
AD-630 162 14B T 66 09
TR-183
AD-630 431 8C T 66 09 MF$ 0.50
TR-184
AD-630 903 8A T 66 10 MF$ 0.75
TR-19
AD-630 061 5K T 66 09
TR-2
AD-468 295 20C U 41 09 HC$ 1.00 MF$ 0.50
AD-630 841 12B T 66 10 HC$ 1.60 MF$ 0.50
TR-2-715
AD-631 004 13K T 66 10 MF$ 1.00
TR-20
AD-630 215 4A T 66 09
AD-630 951 5J T 66 10 HC$ 1.00 MF$ 0.50
TR-200-228
AD-630 859 13H T 66 10 HC$ 6.60 MF$ 0.75
TR-22
AD-630 796 5A T 66 10 HC$ 2.60 MF$ 0.50
TR-233-8
AD-473 532 13J U 41 09 HC$ 6.00 MF$ 1.25
TR-25
AD-630 023 8G T 66 09
TR-26-PT-A
AD-630 027 8F T 66 09
TR-3-634
AD-630 599 1E T 66 10 MF$ 0.50
TR-3-666
AD-631 029 8M T 66 10 MF$ 0.75
TR-30
AD-630 163 14B T 66 09
TR-31
AD-630 164 7D T 66 09
TR-3109
AD-630 592 19D T 66 10 HC$ 2.00 MF$ 0.50
TR-32
AD-630 888 12A T 66 10 HC$ 3.60 MF$ 0.50
TR-353-PT-1
PB-169 403 1B U 41 10 HC$ 4.00 MF$ 0.75
TR-353-PT-2
PB-169 407 1B U 41 10 HC$ 5.00 MF$ 1.00
TR-385
AD-630 194 20L T 66 09 HC$ 3.00 MF$ 0.50
TR-392
AD-630 243 17B T 66 09 HC$ 3.00 MF$ 0.75
TR-4
AD-467 176 8L U 41 10 HC$ 6.60 MF$ 0.75
AD-630 082 8J T 66 09
AD-630 290 20K T 66 09 HC$ 4.60 MF$ 0.50
TR-400-126
AD-630 560 9D T 66 10 HC$ 2.00 MF$ 0.50
TR-404
AD-630 702 17B T 66 10 HC$ 3.00 MF$ 0.75
TR-428
AD-631 078 8A T 66 10 HC$ 3.00 MF$ 0.50
TR-439
N66-13166 9D U 41 09 HC$ 3.00 MF$ 0.75
TR-44
AD-630 775 20D T 66 10 HC$12.60 MF$ 0.75
TR-47
AD-630 922 20K T 66 10 HC$ 1.60 MF$ 0.50
AD-631 036 6A T 66 10 HC$ 1.10 MF$ 0.50
TR-48
AD-630 606 12A T 66 10 HC$ 1.60 MF$ 0.50
AD-630 923 11F T 66 10 HC$ 8.60 MF$ 0.75
TR-5
AD-630 197 13H T 66 09 HC$ 7.60 MF$ 0.75
AD-630 291 20K T 66 09 HC$ 3.60 MF$ 0.50
AD-630 573 20B T 66 10
TR-51
AD-630 887 12A T 66 10 HC$ 2.60 MF$ 0.50
TR-511-3
AD-630 485 13J T 66 09 HC$ 2.00 MF$ 0.50
TR-58
AD-466 906 7D U 41 09 HC$ 1.00 MF$ 0.50
TR-6
AD-630 269 20K T 66 09 HC$ 2.00 MF$ 0.50
TR-60-3
AD-630 602 20H T 66 10 HC$ 5.60 MF$ 0.50
TR-63-99
AD-631 021 8K U 41 09 HC$13.60
TR-64-8
N66-12963 9B U 41 09 HC$ 3.00 MF$ 0.75
TR-65-1
N66-13093 20K U 41 09 HC$ 1.00 MF$ 0.50
PB-169 521 1E U 41 10 HC$ 8.00 MF$ 2.25
TR-65050
PB-169 445 11F U 41 10 HC$ 1.60 MF$ 0.50
TR-65181
PB-169 450 1A U 41 09 HC$ 5.60 MF$ 0.50
TR-65227
PB-169 454 11E U 41 09 HC$ 1.00 MF$ 0.50
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AD-630 426 20K T 66 09 HC$ 2.00 MF$ 0.50
TR-66-14-PR
AD-630 135 11B T 66 09 HC$ 1.00 MF$ 0.50
TR-660131
AD-630 258 12A T 66 09 HC$ 1.60 MF$ 0.50
TR-8
AD-466 316 7C U 41 09 HC$ 1.60 MF$ 0.50
AD-630 011 20C T 66 09 HC$ 3.60 MF$ 0.50
AD-630 572 11F T 66 10
AD-630 621 20J T 66 10 HC$ 2.60 MF$ 0.50
TR-82
N66-12803 13H U 41 09 HC$ 1.00 MF$ 0.50
TR-88
AD-630 077 7D T 66 09 HC$ 3.60 MF$ 0.50
TR-89
AD-630 078 7D T 66 09 HC$ 1.60 MF$ 0.50
TR-90
AD-630 184 20F T 66 09
TR62-209C
AD-294 472 1A U 41 10 HC$ 1.00
TR62-209D
AD-294 868 1A U 41 10 HC$ 3.00
TR63-217C
AD-413 158 1A U 41 10 HC$ 3.00
TT 66-60748
AD-629 780 19A T 66 09 HC$ 1.00 MF$ 0.50
TT 66-60749
AD-629 768 7D T 66 09 HC$ 4.00 MF$ 0.75
TT 66-60750
AD-629 770 20B T 66 09 HC$ 2.00 MF$ 0.50
TT 66-60751
AD-629 859 5J T 66 09 HC$ 1.60 MF$ 0.50
TT 66-60752
AD-629 860 13J T 66 09 HC$ 1.60 MF$ 0.50
TT 66-60753
AD-629 861 13H T 66 09 HC$ 1.00 MF$ 0.50
TT 66-60754
AD-629 862 11C T 66 09 HC$ 1.00 MF$ 0.50
TT 66-60756
AD-629 864 19D T 66 09 HC$ 1.00 MF$ 0.50
TT 66-60757
AD-629 865 6R T 66 09 HC$ 1.00 MF$ 0.50
TT 66-60758
AD-629 876 13J T 66 09 HC$ 1.10 MF$ 0.50
TT 66-60759
AD-629 909 13J T 66 09 HC$ 3.00 MF$ 0.75
TT 66-60760
AD-629 910 5B T 66 09 HC$ 1.00 MF$ 0.50
TT 66-60761
AD-629 911 6E T 66 09 HC$ 4.00 MF$ 1.00
TT 66-60762
AD-630 026 19A T 66 09 HC$ 1.00 MF$ 0.50
TT 66-60763
AD-630 069 12A T 66 09 HC$ 2.60 MF$ 0.50
TT 66-60764
AD-630 168 20D T 66 09 HC$ 1.00 MF$ 0.50
TT 66-60792
AD-630 191 5A T 66 09 HC$ 3.00 MF$ 0.75
TT 66-60809
AD-630 264 9C T 66 09 HC$ 1.60 MF$ 0.50
TT 66-60810
AD-630 267 12A T 66 09 HC$ 2.00 MF$ 0.50
TT 66-60811
AD-630 274 22A T 66 09 HC$ 1.10 MF$ 0.50
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AD-630 281 15C T 66 09 HC$ 3.60 MF$ 0.50
TT 66-60814
AD-630 282 9B T 66 09 HC$ 2.60 MF$ 0.50
TT 66-60815
AD-630 283 13I T 66 09 HC$ 1.10 MF$ 0.50
TT 66-60816
AD-630 284 21E T 66 09 HC$ 2.60 MF$ 0.50
TT 66-60817
AD-630 285 10B T 66 09 HC$ 4.00 MF$ 0.75
TT 66-60818
AD-630 286 20D T 66 09 HC$ 3.60 MF$ 0.50
TT 66-60819
AD-630 287 20D T 66 09 HC$ 1.10 MF$ 0.50
TT 66-60820
AD-630 288 21B T 66 09 HC$ 1.60 MF$ 0.50
TT 66-60822
AD-630 325 5A T 66 09 HC$ 2.00 MF$ 0.50
TT 66-60823
AD-630 327 8H T 66 09 HC$ 1.00 MF$ 0.50
TT 66-60825
AD-630 360 18I T 66 09 HC$ 2.00 MF$ 0.50
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AD-630 411 20D T 66 09 HC$ 1.10 MF$ 0.50
TT 66-60827
AD-630 412 11F T 66 09 HC$ 1.10 MF$ 0.50
TT 66-60828

AD-630 413
TT 66-60829
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TT 66-60903
AD-630 669
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AD-630 855

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20K T 66 09 HC$ 7.05 MF$ 1.75
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20D T 66 09 HC$ 3.00 MF$ 0.75
6L T 66 09 HC$ 1.60 MF$ 0.50
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4B T 66 10 HC$ 1.00 MF$ 0.50
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3B T 66 10 HC$ 1.00 MF$ 0.50
20K T 66 10 HC$ 1.10 MF$ 0.50
4B T 66 10 HC$ 3.00 MF$ 0.75
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4B T 66 10 HC$ 1.00 MF$ 0.50
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15B T 66 10 HC$ 3.00 MF$ 0.75
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21H T 66 10 HC$ 2.60 MF$ 0.50
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6M T 66 10 HC$ 1.60 MF$ 0.50
6H T 66 10 HC$ 1.60 MF$ 0.50
11I T 66 10 HC$ 1.00 MF$ 0.50
11C T 66 10 HC$ 2.60 MF$ 0.50
21E T 66 10 HC$ 1.60 MF$ 0.50
14B T 66 10 HC$ 1.60 MF$ 0.50
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6H T 66 10 HC$ 1.60 MF$ 0.50

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T-R-521
AD-630 669
T-R-522

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4B T 66 10 HC$ 2.00 MF$ 0.50
4B T 66 10 HC$ 1.00 MF$ 0.50
4B T 66 10 HC$ 1.00 MF$ 0.50
4A T 66 10 HC$ 2.00 MF$ 0.50
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4B T 66 10 HC$ 3.00 MF$ 0.75
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T-R-586
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AD-630 558 3B T 66 10 HC$ 1.00 MF$ 0.50
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UCRL-14437 11F U 41 09 HC$ 2.00 MF$ 0.50
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UCRL-16407 20M U 41 09 HC$ 3.00 MF$ 0.50
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UDRI-TR-66-101
AD-630 200 4B T 66 09 HC$ 5.00 MF$ 1.00
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USAAVLABS TR-65-18
AD-629 765 1B T 66 09 HC$ 2.00 MF$ 0.50
USAAVLABS TR-65-73
AD-630 924 1A T 66 10 HC$ 9.60 MF$ 0.75
USAAVLABS TR-66-17
AD-630 927 1B T 66 10 HC$10.60 MF$ 0.75
USAAVLABS TR-66-8
AD-630 925 1C T 66 10 HC$ 3.00 MF$ 0.75
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USAMRL 636
AD-630 024 5J T 66 09
USAMRL 650
AD-630 645 6P T 66 10
USAMRL 651
AD-630 646 6P T 66 10
USAMRL 654
AD-630 647 6R T 66 10
USL-723
AD-630 770 17A T 66 10 HC$ 1.00 MF$ 0.50
USL-728
AD-629 878 20N T 66 09 HC$ 1.60 MF$ 0.50
USL-729
AD-629 916 20N T 66 09 HC$ 1.60 MF$ 0.50
USL-741
AD-630 551 20A T 66 10 HC$ 1.00 MF$ 0.50
USNRDL-TR-475
PB-169 640 18F U 41 10 HC$ 4.60
USNRDL-TR-790
AD-452 958 18J U 41 09 HC$ 4.60
USNRDL-TR-829
AD-463 254 20H U 41 09 HC$ 3.60
USNRDL-TR-846
AD-463 919 20H U 41 09 HC$ 1.60
USNRDL-TR-865
AD-468 593 6R U 41 10 HC$ 1.00 MF$ 0.50
USNRDL-TR-872
AD-468 695 6R U 41 10 HC$ 1.00 MF$ 0.50
USNRDL-TR-873
AD-468 979 6R U 41 10 HC$ 2.00 MF$ 0.50
USNRDL-TR-875
AD-468 696 6R U 41 10 HC$ 2.00 MF$ 0.50
USNRDL-TR-934
AD-630 382 18B T 66 09 HC$ 1.00 MF$ 0.50
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USNRDL-TR-973
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USNRDL-TR-980
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USNRDL-TR-983
AD-631 144 6R T 66 10 HC$ 2.60 MF$ 0.50
USNRDL-TR-986
AD-631 145 6A T 66 10 HC$ 1.60 MF$ 0.50
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AD-630 351 20A T 66 09
USRL-RR-83
AD-630 352 20A T 66 09
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AD-631 047 20N T 66 10 HC$ 1.10 MF$ 0.50
UTIAS-REVIEW-26
AD-631 065 14B T 66 10 HC$22.60 MF$ 1.25
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UU-66-2
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U-1658
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U-3034
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AD-417 225 17B U 41 10 HC$ 2.60
VARI-19
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VESIAC BULL-37
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VIDYA-203
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VOL. I
N66-13130 22C U 41 09 HC$ 3.00 MF$ 0.75
VOL. III
N66-13091 17G U 41 09 HC$ 5.00 MF$ 1.00
VOL. 16/NO. 4
AD-631 142 6E T 66 10 HC$ 2.60 MF$ 0.50
VOL. 16/NO. 9
AD-631 143 6N T 66 10 HC$ 4.60 MF$ 0.50
WADC TR-57-261.
PB-169 440 6H U 41 09 HC$ 1.60
WAL TR-405/2-12
AD-631 185 11F T 66 10 HC$ 3.60 MF$ 0.50
WAL 401/174
AD-630 129 11F T 66 09 HC$20.10 MF$ 1.25
WAL 401/174-SUPPL.
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WAL-730/137-9-PT-10
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WAL-893/199
PR-169 433 20K U 41 10 HC$ 3.60
WAL-952.4/1-5
AD-631 099 7B T 66 10 HC$ 7.60 MF$ 0.75
WANL-PR/FF/-001
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WAPD-TM-311 7C U 41 09 HC$ 1.00 MF$ 0.50
WAPD-TM-514 9B U 41 10 HC$ 2.00 MF$ 0.50
WBTN-29-TDL-3
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WDL-TR-2629
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WHOI-REF-66-5
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WIS-TCI-128
N66-15072 20H U 41 10 HC$ 2.00 MF$ 0.50
WIS-TCI-132
N66-13551 20K U 41 09 HC$ 1.00 MF$ 0.50
WORKING PAPER-126-65
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WT 1813
PB-169 341 8K U 41 09 HC$ 6.60 MF$ 0.75
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AD-630 988 19A T 66 10 HC$15.60 MF$ 1.00
X-537-65-217
N66-12973 22C U 41 09 HC$ 3.00 MF$ 0.50
N66-13959 22B U 41 09 HC$ 1.00 MF$ 0.50
X-640-64-150
N66-13086 4A U 41 09 HC$ 2.00 MF$ 0.50
YAEC-124 18L U 41 09 HC$ 3.00 MF$ 0.75
Y-1487 13H U 41 09 HC$ 3.00 MF$ 0.75
Y-1498 13I U 41 09 HC$ 2.00 MF$ 0.50
0569
PB-169 510 5C U 41 10 HC$ 2.00 MF$ 0.50
0079
PB-169 501 13B U 41 10 HC$ 7.60 MF$ 2.00
PB-169 502 5I U 41 10 HC$ 3.00 MF$ 0.50
0093
PB-169 496 13B U 41 10 HC$ 3.00 MF$ 0.75
0102
PB-169 509 13B U 41 10 HC$ 2.00 MF$ 0.50
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PB-169 506 13B U 41 10 HC$ 4.00 MF$ 0.75
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PB-169 513 13B U 41 10 HC$ 3.00 MF$ 0.75
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0265
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03105-43-T
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PB-169 490 13B U 41 10 HC$ 4.00 MF$ 0.75
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06-1432-25-68
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1963-5
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1963-6
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1964
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2-65
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AD-630 468 14B T 66 09 HC$ 3.00 MF$ 0.50
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2400-5754-5
AD-468 317 19A U 41 10 HC$ 6.60 MF$ 0.75
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AD-630 430 13J T 66 09 HC$ 3.00 MF$ 0.75
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65-2
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65-21
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65-22
AD-466 638 4A U 41 10 HC$ 3.60 MF$ 0.50
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65-31
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6571-ARL-TR-66-8
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66-14
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66-4-CM
AD-630 909 11J T 66 10 HC$ 2.00 MF$ 0.50
66-6-CM
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79211-F
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85-1
PB-169 484 8H U 41 10 HC$ 4.00 MF$ 0.75

U. S. DEPARTMENT OF COMMERCE FIELD OFFICES
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• The Department of Commerce maintains Field Offices in the cities listed below for the purpose of providing ready access to the reports, publications, and services of the Business and Defense Services Administration, Bureau of International Commerce, Clearinghouse for Federal Scientific and Technical Information, Office of Business Economics, and the Bureau of the Census. Information on activities of the National Bureau of Standards, Patent Office, and the Economic Development Administration is also available.

• Experienced personnel will gladly assist in the solution of specific problems, explain the scope and meaning of regulations administered by the Department, and provide practical assistance in the broad field of domestic and foreign commerce. Field offices act as official sales agents of the Superintendent of Documents and stock a wide range of official Government publications relating to business. Each office maintains an extensive business reference library containing periodicals, directories, publications, and reports from official as well as private sources.

• Approximately 600 Chambers of Commerce, Manufacturers Associations, and similar business groups are official Cooperative Offices of the Department where many of the basic publications and reports of the Department are on file and available for consultation. If specific information is not on hand in the Cooperative Office, your problem will be referred to the nearest Department field office.

• These facilities have been established to assist you. You are invited to use them.

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Estimates on Population Movements
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Regional Trends in United States Economy
Biennial Volume on Business Statistics
Current Releases and Business Indicators
Research Sources on Market Potentials
Development and Maintenance of Markets
Reports on Governmental and Private Technical Research
Regional and Community Development Techniques
Information on Government Procurement, Sales and Contracts

FOREIGN TRADE

Tariff Rates of Foreign Countries on Specific American Products
Regulations Bearing on the Control of Exchange Abroad
Administration of Regulations Imposing Import Quotas and the Details of Import Licensing Procedures in Overseas Markets
Facts on Economic and Trade Conditions
Business Information on Foreign Firms
Documentation of Export and Import Shipments, Both Here and Abroad
Statistical Data on Both Imported and Exported Products
Assistance on Export Regulations and Problems, Including Prompt Special Service in Emergency Situations
Trade Investment and Licensing Opportunities
Foreign Lists of Buyers and Suppliers

Department Field Offices

Albuquerque, N. Mex., 87101, U.S. Courthouse. 247-0311.
Anchorage, Alaska, 99501, 306 Loussac-Sogn Building. Phone: 272-6331.
Atlanta, Ga., 30303, 75 Forsyth Street, N.W. 526-6000.
Baltimore, Md., 21202, 305 U.S. Customhouse, Gay and Lombard Streets. Phone: PLaza 2-8460.
Birmingham, Ala., 35203, 505 Title Bldg., 2030 Third Avenue, North. Phone: 325-3131.
Boston, Mass., 02110, Room 230, 80 Federal Street. CApitol 3-2312.
Buffalo, N.Y., 14203, 504 Federal Building, 117 Ellicott Street. Phone: 842-3208.
Charleston, S.C., 29403, Federal Building, Suite 631, 334 Meeting Street. Phone: 747-4171.
Charleston, W. Va., 25301, 3002 New Federal Office Building, 500 Quarrier Street. Phone: 343-6196.
Cheyenne, Wyo., 82001, 6022 Federal Building, 2120 Capitol Avenue. Phone: 634-5920.
Chicago, Ill., 60604, 1486 New Federal Building, 219 South Dearborn Street. Phone: 828-4400.
Cincinnati, Ohio, 45202, 8028 Federal Office Building, 550 Main Street. Phone: 684-2944.
Cleveland, Ohio, 44101, 4th Floor, Federal Reserve Bank Bldg., East 6th St. & Superior Ave. Phone: 241-7900.
Dallas, Tex., 75202, Room 1200, 1114 Commerce Street. RIverside 9-3287.
Denver, Colo., 80202, 16407 Federal Building, 20th and Stout Street. Phone: 297-3246.
Des Moines, Iowa, 50309, 1216 Paramount Building, 509 Grand Avenue. Phone: 284-4222.
Detroit, Mich., 48226, 445 Federal Bldg. 226-6088.
Greensboro, N.C., 27402, 412 U.S. Post Office Building. Phone: 275-9111.
Hartford, Conn., 06103, 18 Asylum St. Phone: 244-3530.
Honolulu, Hawaii, 96813, 202 International Savings Bldg., 1022 Bethel Street. Phone: 588977.
Houston, Tex., 77002, 5102 Federal Bldg., 515 Rusk Ave. Phone: 228-0611.
Jacksonville, Fla., 32202, 512 Greenleaf Building, 208 Laura Street. Phone: 354-7111.
Kansas City, Mo., 64106, Room 2011, 911 Walnut Street. BAltimore 1-7000.
Los Angeles, Calif., 90015, Room 450, Western Pacific Building, 1031 S. Broadway. Phone: 688-2833.
Memphis, Tenn., 38103, 345 Federal Office Building, 167 North Main Street. Phone: 534-3214.
Miami, Fla., 33130, 1628 Federal Office Bldg., 51 S.W. First Avenue. Phone: 350-5267
Milwaukee, Wis., 53203, Straus Bldg., 238 W. Wisconsin Avenue. Phone: BR 2-8600.
Minneapolis, Minn., 55401, 306 Federal Building, 110 South Fourth Street. Phone: 334-2133.
New Orleans, La., 70130, 909 Federal Office Building (South), 610 South Street. Phone: 527-6546.
New York, N.Y., 10001, 61st Fl., Empire State Bldg., 350 Fifth Avenue. LOngacre 3-3377.
Philadelphia, Pa., 19107, Jefferson Building, 1015 Chestnut Street. Phone: 597-2850.
Phoenix, Ariz., 85025, 5413 New Federal Building, 230 N. First Avenue. Phone: 261-3285.
Pittsburgh, Pa., 15222, Room 2201, Federal Building, 1000 Liberty Avenue. Phone: 644-2850.
Portland, Oreg., 97204, 217 Old U.S. Courthouse, 520 S. W. Morrison Street. Phone: 226-3361.
Reno, Nev., 89502, 2028 Federal Building, 300 Booth Street. Phone: 784-5203.
Richmond, Va., 23240, 2105 Federal Building, 400 North 8th Street. Phone: 649-3611.
St. Louis, Mo., 63103, 2511 Federal Building, 1520 Market Street. MAin 2-4243.
Salt Lake City, Utah, 84111, 3235 Federal Building, 125 South State Street. Phone: 524-5116.
San Francisco, Calif., 94102, Federal Building, Box 36013. 450 Golden Gate Avenue. Phone: 556-5864.
Santurce, Puerto Rico, 00907, Room 628, 605 Condado Avenue. Phone: 723-4640.
Savannah, Ga., 31402, 235 U.S. Courthouse and Post Office Bldg., 125-29 Bull Street. Phone: 232-4321.
Seattle, Wash., 98104, 809 Federal Office Bldg., 909 First Avenue. 583-5615.

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